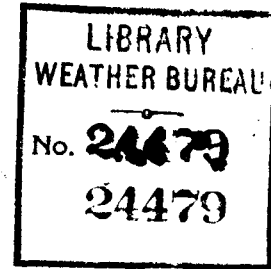


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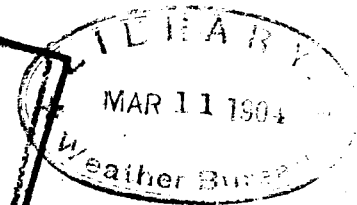
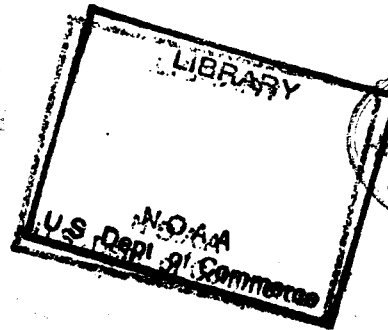
METEOROLOGICAL REPORT

1900 -
FOR THE YEAR 1901.



The Survey Department, Public Works Ministry, Cairo.

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REPORT OF THE SUPERINTENDENT, ABBASSIA OBSERVATORY

CHAPTER I.

STAFF.

The principal work of the year has been the installation of recording apparatus for registering the meteorological elements, in place of the old system of eye observations, and the employment of automatic apparatus for sending time-signals. A superintendent was appointed at the beginning of the year to take charge of the new system.

The Chief Observer, Ibrahim Bey Esmatt, has been relieved of duty on the ground of ill-health.

The assistants at the beginning of the year were Ramadan Eff. Rushdi and Hassan Eff. Fahmi. The work of the former was terminated by an illness which unfortunately proved fatal on February 15th. The following have subsequently served on the staff: Tewfiq Eff. Butros (April 1st) Bishara Eff. Ibrahim (April 1st till October 20th) Mohammed Eff. Qasim (November 1st).

WORK OF THE OBSERVATORY.

The following is a list of the classes of work carried on at the Observatory:—

- (a) *Meteorology.* Observation of elements and registration by automatic recorders.
- (b) *Chronometry.* Determination of time for the purposes of the daily time-signal, and the control of automatic apparatus for the same: rating of Chronometers and occasional longitude work.
- (c) *Standardization.* Especially of meteorological instruments sent to second order meteorological stations.
- (d) *Seismology.*

Owing to the introduction of recording instruments, from the beginning of the year the duty has been entirely altered. Of the three observers on any day, one is occupied with full duty, and the second with half-duty while the third is either assisting the second or free, the arrangement being for one free day in every six. Departures from this system have, however, been often necessitated from causes over which the Observatory had no control.

BUILDING.

The various rooms have been put to new uses during this year. On the ground floor are situated: Observers' room; a room containing most of the recording instruments, the standard mean time clock, and telegraphic operator's table; a battery room; an office; a dark room; an observers' bed-room.

On the first floor are situated: The anemometer-room, on the roof of which various patterns of anemometer and wind vane are exposed, the transit room containing the transit instrument and its collimators, and the standard sidereal clock; a store-room for instruments; a seismograph room; the superintendent's quarters. On the top of the central tower is mounted the 21-centimetre equatorial telescope by Brünner. There is a garden to the north and another to the south, but the north garden, which contains the various meteorological screens, was cleared of shrubs, etc., on June 29th and the masonry wall replaced by a wooden paling to furnish a more satisfactory exposure for the meteorological instruments.

Visitors are admitted between 4 and 6 p.m., also at other hours by special permission. Over 200 have availed themselves of the opportunity during the year.

CHAPTER II.

Meteorology.

The object of the meteorological work in 1900 has been to provide first class hourly values of all the elements and to take part in the scheme of the second order observations which is being developed in Egypt and the Sudan. The abandonment of the old system and adoption of this one is the principal feature of the period covered by this report.

In the first six months of the year there are unfortunately many gaps in the record, as the automatic apparatus suffered several minor accidents, besides one serious one, and there was then no reserve supply of ordinary instruments available owing to the equipment of secondary stations in the Nile valley, which was then in hand. By the end of 1900, arrangements were so far improved that the prospect of similar gaps in the future is extremely small.

METEOROLOGICAL INSTRUMENTS.

Those at the Observatory may be classed as (1) Standards; (2) Reading Instruments; (3) Recording Instruments. In some cases one instrument has had to do double duty as reading instrument and standard, but this has now been remedied by further purchases of apparatus.

STANDARD INSTRUMENTS.

Barometric Standards.

Before 1900 the barometer used as standard at the Observatory was *Fastré 1859, No. 1*. It is a barometer of the Fortin type and was mounted 33 meters above sea-level. Observations were made in 1900 by means of a syphon barometer (Fuess No. 430) mounted in a room on the ground floor but still corrected to the old level. On May 10th Fuess No. 430 had to be transferred to a second order station and a return was made to the *Fastré* instrument which had meanwhile been refilled and studied at the

Observatory. On the 16th October this was replaced by a fine syphon barometer (Fuess 461) brought out under the personal care of Dr. J. Ball, to whom the Observatory is also indebted for comparison with the Zürich Standard (Polytechnische Schule). It will be shown in Chap. IV that in all probability the first and third of these standards may be taken as correct, while the second will require a special correction of +0.2 mm. to render it comparable with the others used.

Thermometric Standard.

The instrument employed in 1900 was the mercurial thermometer, Fuess 2035, divided into fifths of degrees from -10°C to $+60^{\circ}\text{C}$. The bulb is a sphere of 1 cm. diameter. The thermometer has a certificate from the Reichsanstalt showing very small errors, and the zero has been checked from time to time in ice without showing any appreciable change.

Wind Velocity Standard.

In former years the standard has been a Robinson cup anemometer. The diameter of each cup is 10 cm. and the radius of each arm measured to the centre of the cup is 25 cm. The readings were taken from dials which indicate one kilometre, whenever the cup centres traverse 200 metres. It is now known that the cup centres partake of certainly more than one-third of the motion of the air. In 1900 the instrument employed was Dines's pressure-tube recording anemometer made by R. Munro, and the experiments of the inventor were relied on (*Royal Met. Soc. Journ.*, Vol. XVI, No. 76 and Vol. XVIII, No. 82). On comparing the new and old standards, it was found that the latter gave readings both irregular and much too low, a result the contrary of what was to be expected from the manner in which the dials had been graduated (v. supra). The cup anemometer was therefore thoroughly overhauled in the Survey Department's

workshops, after which the two instruments were found to give concordant results, provided that allowance was made for the erroneous graduation of the dials. This shows that there is, unfortunately, no means of connecting the velocities obtained this year with those obtained previously.

Precipitation Standard.

The same gauge has been used as in previous years, but it has been carefully verified. The gauge is never emptied, but the balance of precipitation over evaporation is read off on a scale showing the depth of contained water. One millimetre of rainfall changes the depth of water in the gauge-glass by one centimetre on the average, but there are slight irregularities in the scale.

READING INSTRUMENTS.

These have been used in the Observatory chiefly as controls for the recorders, and also for joining in the scheme of second order observations. In the case of a few elements eye-observations alone have been used for want of recording instruments. Those employed were as follows:—

Temperature.

Dry bulb.—Mercurial thermometer Fues No. 2035 already described. It is read at 6 h., 8 h., 14¹/₂ h., 21 h. (Hours are throughout given in Cairo mean civil time, i.e. 2 h., 5 m. 8 s. 9 east of Greenwich. The hours in fat type are those of second order observations, the others are added as controls for recording instruments.

Wet bulb.—A similar thermometer Fues No. 2036. It was broken in the gale of May 19th and replaced by another of the same pattern and maker (No. 2043). It was read at the same times as the dry bulb.

Barometer.

The standard (see above) served also as daily reading instrument until October 16th. On that day Fastré 1859 No. 1 ceased to be standard and became a daily reading instrument, being corrected to agree with the new standard. Readings have been made at 8 h., 14¹/₂ h., 21 h.

Maximum Thermometer.

Fues No. 3276 has been used. It is a mercurial thermometer, with spherical bulb of 1 centm. diameter. A constriction just above the bulb prevents the return of the expanded liquid when the temperature falls. The readings of this thermometer became unreliable in March and it was replaced by No. 3563, to which the above description is also applicable.

Minimum Thermometer.

Fues No. 3186. This thermometer has a double bulb filled with alcohol. A dumb-bell-shaped piece of iron records the lowest point reached by the meniscus of spirit. The maximum and minimum thermometers are read and set at 8 h.

Evaporation.

The evaporimeter used is a balance of Wild's design, on the principle of a common letter-weighing machine. The units on the dial represent millimeters of depth evaporated off the surface of the contained water. The pan is refilled at 21 h. and read at 6 h., 8 h., 14¹/₂ h., 21 h.

State of the Sky.

No instrument is in use. The degree of covering of the sky by clouds has been estimated in the usual way. Observations have been made at 6 h., 14¹/₂ h., 21 h.

Wind Direction.

Eye readings of a simple vane alone were made in the course of the year, there being no recorder available for this important element.

Actinometry.

The study of this interesting subject has so far been unavoidably confined to readings of the ordinary bright and black bulb thermometers at 14¹/₂ h.

Underground Temperatures.

Four thermometers with bulbs of great thermal capacity are incased in wooden sheaths and sunk to depths of 0·25 m., 0·55 m., 0·85 m. and 1·15 m.

respectively, in the soil of the south garden. Readings were made at 14½ h. Owing to the great sluggishness of the thermometers they could be withdrawn from their sheaths and read at leisure.

RECORDING INSTRUMENTS.

The installation of recording instruments has, as above remarked, been the chief feature of the year's work. The instruments used were:—

Anemometer.

Dines's Pressure-tube pattern made by Munro (No. 33). This was installed in November, 1899, and worked well from the first. Being in general use, it needs no description.

Recording Thermometers.

For the study of dry and wet bulb temperatures, two platinum wire thermometers were used. They were of the Callendar-Griffiths type (Nos. 216, 217). Also two of Callendar's electric recorders (Nos. 17, 18) one being connected with each thermometer. Thermometer No. 216 was broken in the gale of May 19th which carried away the back of the thermometer-screen. By September No. 216 had been repaired and a reserve thermometer No. 265 had been received. During the earlier half of the year these two sets worked rather irregularly. The clocks gave trouble, and at first the Observatory did not possess suitable batteries. Good curves practically date from the time of receiving storage cells from the E. P. S. Co. Ltd. Once in working order these recorders are very accurate, and have the great advantage that the thermometer-screen may be at any distance from the building which contains the registering apparatus, thus avoiding the radiation from walls which would have occurred if the photographic method had been used.

Barograph.

The elegant Sprung-Fuess balance-barograph has been used from the time of its arrival. Received on September 18th, it was working on the same day and gave practically no trouble through out the year. The scale of the record is 10 mm. for every 1 mm. of the ordinary mercurial barometer.

Sunshine Recorder.

Stokes' pattern has been used, and always gave excellent results.

Auxiliary Recorders.

Small scale thermographs and barographs of Elliott's make were used as reserves in case of accident to the larger instruments described. They have always worked very well, and it is much to be regretted that the Observatory was without such reserve for a time.

EXPOSURE OF INSTRUMENTS.

In previous years the thermometers were exposed in a Renou screen (other exposures appeared to have been also tried; see report on Meteorology for 1898 and 1899 by Capt. H. G. Lyons) surrounded by an outer louvred hut, and standing in the south garden 15 metres west of the nearest part of the building. At the beginning of the year they were placed in a large thatched shelter on the north side of the Observatory, but this was given up on March 1st in favour of a screen built somewhat on the Pawlowk model. As far as can be judged from whirling experiments and the indications of Assmann's psychrometer the exposure given by this screen is very satisfactory.

TREATMENT OF METEOROLOGICAL DATA.

Eye Observations.

The reduction of these is extremely simple. Thermometer readings receive their tabular corrections. The barometer is corrected for index ⁽¹⁾ and temperature of the attached thermometer and reduced to 33 metres above sea level. The hygrometric tables in use correspond closely with Kaemtz's formula. For the calculation of evaporation the change recorded since the previous observation is divided by the corresponding interval of time. The day's total of evaporation is also worked out.

(1) Numerical values of index errors are to be found in Chap. IV, § 1.

Automatic Record.

A line is selected on the chart parallel to the time-axis, and a mean value is assigned to it from all the control observations during the twenty-four hours. Twenty-four heights are now measured from this line to the curve, one for each hour. The values of these heights in the required units are obtained by multiplying by factors previously determined, and the products are added to the mean value of the selected line. The reduction of the curve is then complete.

THE REGISTER FOR 1900.

The record of second order observations has already been printed and circulated. The tables in Part II being on entirely conventional lines need little comment. In the first six months there are serious gaps. Between May and July there was no recording barometer. Mercurial readings were made in the day but there were no night observations. Air temperatures are complete save for a few gaps in May when there was no reserve thermograph. Gaps in humidity and in tension are of equal extent, both being determined by the conduct of the wet bulb recorder. For the first three

months this instrument was not working, and when it had worked well for one month, there came the storm of May 19th. Means have been calculated as well as possible from the data of the first six months, by the method given in Angot's *Instructions Météorologiques*. In many cases the diurnal means, which are less important than the hourly means (since they do not affect the summaries of deviation) have been obtained from the second order observations. When that has been the case they are printed in square brackets.

The frequency of wind directions for various months have been calculated in the ordinary way. Only eight points of the compass are considered and any intermediate direction is allotted alternately to the adjacent two points.

CHAPTER III.

Chronometry.

INSTRUMENTS.

Transit Instrument.

THE portable transit instrument of the Observatory by Brünner, which had been sent to Messrs Cooke and Son of York for repairs, was returned by them towards the end of 1899. It was remounted on October 13th, 1899, and has been in regular use since then for the determination of time.

Standard Sidereal Clock.

This instrument is of Dent's make (No. 466) and has been running for a very long period at the Observatory without repair. It is mounted on the

wall of the transit room, and taking this into consideration, it could hardly be expected to perform better than it has done. It has fulfilled at any rate every need of the Observatory. The instrumental errors of the transit and the error and rate of the standard clock have been regularly determined by the usual method, and it will not be necessary to describe the steps taken.

DAILY COMPARISONS OF CHRONOMETERS.

There are always a certain number of chronometers and watches on the charge of the Observatory for rating. Except where special instructions are received they are compared once a day at 11 h. a.m. with the standard of the Observatory.

DAILY TIME SIGNAL.

The time of the 30th degree of longitude East of Greenwich has been officially adopted, and a mean time clock by Dent (the same one that was used by Capt. Orde Browne, R.A., in the British Government Transit of Venus expedition to Moqattam) is adjusted to keep this time. It has been fitted with (a) an electromagnet whose function is to attract or repel a permanent magnet attached to the pendulum, thus increasing or diminishing the acceleration due to gravity alone, (b) a circuit closed once a second and actuating a synchronous dial in the transit room, (c) a circuit closed once an hour for transmitting time signals.

Daily routine in connection with Time Signals.

One of the observers daily compares the synchronous dial with the sidereal standard by the method of synchronous beats, and furnished with the correction to the sidereal he calculates the error of the dial and hence also of the mean time clock connected to it. A current is then circulated through the regulating coils of the latter until by acceleration or retardation its error has been exactly removed. The observer then satisfies himself that the error is exactly removed by a second comparison similar to the first, and by a control comparison on using a hack-watch. At noon the hour signal passes automatically through two galvanometers, and the observer records the time of their deflection by an independent chronometer.

Distribution of the Signal.

The hour signal passes through two relays in series. The first brings in a battery on a private line to the citadel of Cairo. The second completes a circuit between the Observatory and the central Telegraph Station in Cairo. Here the current actuates a distributing relay capable of simultaneously completing the circuits of several lines. At Port Said the Administration of Ports and Lighthouses has availed itself of this current from the beginning of September to drop a time-ball daily, and a similar ball will shortly be dropped at Alexandria. The current to the citadel of Cairo deflects a galvanometer there, at which signal a time gun is fired by hand, but early in 1901 the current will be used to fire the gun automatically.

LONGITUDE DETERMINATIONS.

Longitudes of several places in the Sudan have been telegraphically determined from the Observatory.

A greater number of stars were observed for this purpose than for routine purposes, but in other respects the methods were the same in both cases. The Superintendent has always observed at the Abbassia end. The signals have been exchanged between Capt. Lyons at Abbassia and Colonel the Hon. M. G. Talbot, R.E., at the Sudan Station.

CHAPTER IV.

Standardization of Instruments.

STANDARD BAROMETERS.

It will first be necessary to say a word concerning the standard barometers used in the Observatory. Before 1900 the instrument used was Fastré 1859, No. 1. All that can be ascertained as to its past history is that at some time it had been compared with that of Montsouris and that Jordan compared with it a portable barometer which had previously been well

compared with a standard at Vienna in the year 1877. He appears to have been satisfied with this comparison, and we may assume that the correction in use (+0.1 mm.) was not much in error. At the beginning of 1900 the portable syphon barometer Fuess 430 was very successfully filled, and on comparison gave a result only 0.04 mm. higher than the corrected Fastré. It was therefore assumed that the new instrument was practically correct, and no correction was applied for index. Before giving up this Fuess

barometer (see Chap. II) a long series of comparisons was made between it and Fastré 1859, No. 2, which had been refilled and readjusted. A correction (+0.48 mm.) was found, and this was therefore used for all the months from May to September inclusive. During this interval a barometer was made at the Observatory on Sundell's plan ⁽¹⁾ in which the vacuum can be re-exhausted and tested as often as desired. It was read by an excellent cathetometer. Comparisons between this barometer and Fastré entirely supported the correction +0.48 mm. Unfortunately, when the new instrument Fuess 461 arrived fresh comparisons shewed this correction to be too low by 0.4 mm. It should be mentioned that the last instrument had its scale verified at the Reichsanstalt and its readings had been compared with those of the standard at the Zürich Polytechnische Schule ⁽²⁾ Further, the scale of Fuess 461 is in exact accord with that of the cathetometer just mentioned. There are then good reasons for assuming both Fuess 430 and Fuess 461 to be accurate, and the case of Fastré is perplexing. There seems no alternative but to assume for the months May, June, July, August, September an additional correction of 0.2 mm. which is half the discrepancy between the errors found at the beginning and end of the period. The discrepancy is almost certainly due to slow deterioration of the vacuum.

BAROMETER COMPARISONS.

Several barometers have been filled at the Observatory, compared with its standard and sent to out-stations, together with travelling inspection barometers. The latter have in each case been returned to the Observatory for comparison. Their errors at the out-station are taken as the mean of those before starting and after return.

The following results were obtained:—

	Index correction.
Barrage	+0.8 mm.
Alexandria	+3.1 „ ⁽¹⁾ (temporary equipment).
Assiut	+0.1 „
Port Said... ..	0.0 „
Aswan	0.0 „

THERMOMETER COMPARISONS.

There is fortunately no such uncertainty about the standard thermometer (Fuess No. 2035) employed, and the corrections issued to stations may be relied on for any meteorological purpose. Comparisons were made in an improvised water bath, but a regular thermometer-comparator which has been ordered is expected to arrive shortly.

CHAPTER V.

Seismology.

THE SEISMOGRAPH.

THE instrument in use at the Observatory is of Milne's Pattern and was constructed by R. Munro, of London. It was purchased for the Observatory by the Ministry of Public Instruction before the transfer of the Observatory to the Survey Department. The instrument was provisionally mounted on a pillar in the room which now serves as office (see gen. introd.)

It was put into adjustment on October 1st, 1899, and results were obtained almost at once, though rather irregularly at first. The room in question had a north-east aspect, and the boom and recording table were south of the pillar. The pillar passed without touching the floor into the foundations of a cellar below, and the results obtained in 1899 and the early part of 1900 shewed no signs of instability. But as the year went on a gradually increasing diurnal movement set in which by the middle of May 1900, seriously interfered with the record. The movement was traced to faulty

⁽¹⁾ *Acta Societatis Fennicae*, Vol. 16.

⁽²⁾ As to this latter barometer *v. Sundell loc. cit.*

⁽¹⁾ The reason for this large correction is that a new ivory point was used which was about 3 mm. too short.

foundations, and the instrument was placed in the room described as "seismograph room" in the introduction. It has not since been moved. The pillar in this room had formerly served as support for one of the transit instruments of the Observatory. In its final position the instrument appears practically free from diurnal movement.

During October 1899, the sensitiveness employed was $0''.91$ to a mm., of displacement of the boom. It was then increased to $0''.27$ per mm. and for a short time to as much as $0''.19$ per mm. During the greater part of the year 1900 however it has been kept at a sensitiveness of $0''.50$ per mm.

The instrument is wound and supplied with a new roll of paper once a week. Twice in the week the exposed portion of the paper is cut away for development. If the instrument works a whole week without interruption, the large accumulation of exposed paper is liable to interfere with the clock-work, and the strip is inconveniently long for development. The watch which automatically impresses hourly reference marks on the spool is corrected daily by comparison with the mean time standard. As this indicates time 30° E. of Greenwich a correction of two hours is afterwards made. The photographic operations are carried out in exactly the way described by Milne. For the greater part of the year the manipulation was well performed by Tewfik Eff. Butros.

In 1899 some trouble was caused by the bromide paper catching in the clock-work as it rolled off. Means were soon found of guiding the paper out of reach of the clock. A much greater difficulty was that of maintaining a constant illumination. The oil lamp which was provided failed entirely to do this, and other oil lamps which were tried were not very successful. A gas jet with, later, a Welsbach burner were tried and both worked well, the latter being especially satisfactory.

When these difficulties were overcome the instrument required comparatively little attention.

The results are tabulated on a form under the following headings:—
1. Number and letter of spool; 2. Date and mean time; 3. Data previous to development; 4. Characters after development; 5. Remarks. The third column enables one to eliminate those disturbances accounted for by winding of the watch, inspection of the instrument, etc. The fourth column is subdivided in accordance with the suggestions of the Seismological Committee of the British Association.

The tables appended are of the form recommended by that Committee. These tables are a sufficient description of the unfelt tremors of probably distant origin. At least one tremor, however, which was strongly felt in Cairo, merits a separate notice. It is described as follows by Capt. H. G. Lyons.

"A sharp shock was felt at numerous places in the Nile Valley, being recorded by the Milne Seismograph at 8 h. 6 m. p.m. Cairo mean time. The shock was sharp enough to jerk the supporting wire of the boom out of its groove, which reduced the sensitiveness and prevented further accurate record.

"Hanging lamps were set swinging, plates rattled and tables moved, etc. From the South, it was felt at Luxor (but apparently not at Aswan). Kena, Girga, Minia, Fayum, Cairo, Mena House (Giza), Zagazig, Sherbin, Ras El Khalig, Port Said, Ismailia, Suez and apparently more severely at the Lighthouses in the Gulf of Suez, i.e. Saffarana, Ras Gharib and especially at Ashrafi Lighthouse, where a tray of lamp cleaning apparatus was overturned, also at St. Catherine's Monastery, in Sinai. No building, however, appears to have been injured."

It is now possible to add that the shock was recorded as far off as Shide in the Isle of Wight, and that it appears in Dr. Milne's register for that station. A remarkable feature of the Abbassia trace is the complete absence of preliminary tremors, unless indeed it is assumed that even the first of these were strong enough to put the instrument out of adjustment.

APPENDIX I.

ON THE CHOICE OF HOURS FOR SECOND ORDER OBSERVATIONS

It has been already explained that from the beginning of the year 1900 the meteorological results of the Observatory were obtained by means of recording apparatus. At the same time, stations of the second and third order were being equipped in various parts of the country with instruments to be read thrice daily. Similar readings were made also at Abbassia in addition to the hourly records above mentioned, and the Superintendent was instructed to examine the part records of the Observatory to ascertain the most suitable hours for observing, special importance being attached to the subject of temperature.

This problem may be approached, either by strict analysis, or by an approximate and tentative method. Seeing that the hours shewn to be best by analysis would be, very possibly, ruled out by considerations of convenience, it seemed better to employ the second method, which is therefore described.

The first step was to obtain from the three-hourly records of the Observatory for the period 1894-1898, the deviation of the temperature and barometric pressure from their respective means, at each of the eight standard hours of observation. By the deviation for say January 3^a is meant the excess of the mean of January 3^a for 1894-1898 over the monthly mean of January for the same period. Having obtained these, the tables 1-24 were constructed. The odd entries in the first column of figures in these tables are the mean temperatures at 3 a.m., while the even are the mean temperatures for the whole month. The entries in the second column are the deviations for 3 a.m. as defined. And so for the other columns. From the tables 1-24, the curves, figs. 1-24, were constructed, having for ordinates deviations, and for abscissae time of day. The object of these curves is to enable one to estimate deviations at other hours than those of observation.

The next problem was to select three hours such that the algebraic sum of the corresponding deviation ordinates is smaller than a certain limit,

say 0°.5 in the case of temperature. The error committed by adopting these three hours as those of observation, would then be one-third of the sum of the ordinates. It is not in any case difficult for an eye practised in the use of curves to make such a selection, and the choice was further much restricted by the following considerations : (1) Temperature must take precedence of every other element ; for the barometric pressure, though of first class importance, has a very small range at Abbassia ; (2) Hours later than 9 p.m. are quite unsatisfactory, on the ground of inconvenience ; (3) It is desirable that one of the hours should be near 2 p.m., and another as late as is consistent with convenience.

For 1900 a study of the temperature curves suggested the hours 6^a 2½^p 9^p and Table XXV shews the comparison of the mean thus obtained with the mean obtained from eight observations a day. This table needs no explanation.

With the help of Tables XIII-XXIX and the curves (figs. 13-24), the nature of which has been already explained, a similar investigation of the barometric mean was possible. The same hours (6^a 2½^p 9^p) were first examined and it was found that the resulting mean was somewhat too low. This was easily remedied. The Survey Department receives at 8^a daily, a telegram giving the state of the weather at a number of stations including Abbassia, so that no additional labour would be involved by substituting 8^a for 6^a in the calculation of the mean. Table XXVI shews that the means obtained in this way are accurate. The table gives, in the first three columns, the deviations and also, in the last column, the third part of their sum, which it will be readily seen is equal to the excess of the mean obtained from the hours 8^a 2½^p 9^p over that obtained from eight observations. This method of exhibition is frequently used in what follows and has the advantage of being compact.

The agreement of the mean of three observations with that obtained from eight is in each case so good that the hours 6^a, 2½^p, 9^p, were

provisionally adopted for the mean temperature, and 8^a, 2¹/₂^p, 9^p, for the mean pressure. It was soon found, however, that it was difficult to obtain observations so early as 6^a or so late as 9^p. The superintendent was therefore requested to examine for the purposes of the year 1901, a number of combinations with the object of finding hours more convenient than those arrived at. No hours could be chosen giving more accurate results than those used in 1900, but the mean of 8^a, 2^p, 8^p, and minimum temperature was found accurate, and much more convenient. The combination, moreover, is instructive as it gives four points on the daily curve very evenly distributed. Indeed it should never be forgotten that the excellence of the mean is not the only consideration, but that the hours selected should give a good account of the temperature curve for the day. This combination and the four others studied are exhibited in Table XXVII, which was obtained in exactly the same way as Table XXVI and need not therefore be explained further. It is worth noticing that the combination of 8^a, maximum, 8^p, and minimum would be almost identical with the one adopted, but 2^p is an early hour for observation, it cannot be dispensed with because of the barometer reading (see below) and in any case an eye-reading of an ordinary mercurial thermometer is more accurate than the record of a maximum thermometer, which instrument is liable to undergo gradual change.

Of the hours chosen for mean temperature, 8^a, 2^p, 8^p, proved to be suitable also for the barometric mean. This is seen from Table XXVIII constructed in the same way as previous ones. Whatever hours are taken for the barometer a large negative residual appears in July. It is due to the great depth of the afternoon minimum in that month. Otherwise the result is good both for months and for the whole year.

The results obtained above from a study of five years have been controlled with the help of the fifteen-year means bound up in the Report of the Survey Department on meteorology in 1898 and 1899.* The figures at the foot of Tables E and K (*loc. cit.*) were plotted with the result shewn in Tables XXVa, XXVIa, which give the interpolated values at the hours stated.

* Report on the Meteorological Observations made at Abbassia Observatory, Cairo, during the years 1898 and 1899, etc., Cairo, National Printing Department.

The other elements requiring discussion (though a less extended one) are the tension of aqueous vapour and the relative humidity. At Abbassia the former has practically no diurnal range, so that the mean of 8^a, 2^p and 8^a, cannot be far from the truth. If one attempts to plot deviations for the tension the resulting curves are very irregular and unsuitable for discussion. It may be noted however that for the whole period of 15 years the following means have been found by rectilinear interpolation in Table Q (*loc. cit.*)

Tension at 8 ^a	(1884-1898) ...	11.4
" 2 ^p	"	9.9
" 8 ^a	"	10.7
Mean	... ..	10.60
Eight hour mean of 15 years...		10.77

The relative humidity again is very hard to discuss. In the first place errors of observation run very high in this element, and then an error of 1% has very different significations in different temperatures, which greatly complicates the discussion. Again, the humidity changes with extreme rapidity and this makes it hopeless to expect a mean to be accurate unless founded on numerous observations. It was found however by the method described that the mean $\frac{8^a + 8^p}{2}$ gives a higher and somewhat

better result than the combination $\frac{8^a + 2^p + 8^p}{3}$ owing to the great drought in the afternoon during a part of the year.

The figures actually found are shewn in Table XXIX, which is compiled from measures of the curves, figs., ~~10-14~~. These curves were drawn from data in Table O, *loc. cit.* p. 30. A fifteen-year period was chosen in preference to a five-year one, in the hope of obtaining a more reliable result than would be afforded by the shorter interval, having regard to the relatively large error of observation in the case of the humidity.

In conclusion, it should be stated that to find three hours which yield for any period of past time the same mean as that of the eight hours of observation, is a problem which can be definitely solved. To guarantee that these hours shall be equally satisfactory in future time, under new

conditions of observation, and above all at other stations than ~~that at which~~ the investigation was made is not possible, and one can only say that on ~~the evidence of the past, the hours chosen are probably the best that can~~ be found, consistently with convenience. It will be necessary after the

~~lapse of another~~ five years to investigate the records of the small automatic instruments placed at most of the second order stations, to ~~determine~~ what ~~corrections~~ if any are applicable to these means.

Temperature Deviation.

January.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	5.6		4.8		9.4		15.1		15.5		12.0		9.6		7.4	
Mean	9.9	-4.3	9.9	-5.1	9.9	-0.5	9.9	+5.2	9.9	+5.6	9.9	+2.1	9.9	-0.3	9.9	-2.5
1897	9.4		8.3		12.2		17.8		19.0		15.4		13.0		11.1	
Mean	13.3	-3.9	13.3	-5.0	13.3	-1.1	13.3	+4.5	13.3	+5.7	13.3	+2.1	13.3	-0.3	13.3	-2.2
1896	9.0		8.1		11.1		15.5		16.4		13.4		11.7		10.4	
Mean	12.0	-3.0	12.0	-2.9	12.0	-0.9	12.0	+3.5	12.0	+4.4	12.0	+1.4	12.0	+0.3	12.0	-1.6
1895	7.6		6.6		11.4		18.1		19.4		15.2		11.9		9.4	
Mean	12.4	-4.8	12.4	-5.8	12.4	-1.0	12.4	+5.7	12.4	+7.0	12.4	+2.8	12.4	-0.5	12.4	-3.0
1894	8.8		8.1		12.2		17.0		17.7		14.3		12.1		10.4	
Mean	12.6	-3.8	12.6	-4.5	12.6	+0.4	12.6	+4.4	12.6	+5.1	12.6	+1.7	12.6	+0.5	12.6	-2.2
MEAN	...	-4.0	...	-4.7	...	-0.8	...	+4.7	...	+5.6	...	+2.0	...	-0.4	...	-2.3

Temperature Deviation.

February.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	9.4		8.6		12.9		18.9		20.0		16.3		13.1		10.9	
Mean	13.8	-4.4	13.8	-5.2	13.8	-0.9	13.8	+5.1	13.8	+6.2	13.8	+2.5	13.8	-0.7	13.8	-2.9
1897	9.2		8.0		12.6		18.5		19.4		15.6		12.8		10.9	
Mean	13.4	-4.2	13.4	-5.4	13.4	-0.8	13.4	+5.1	13.4	+6.0	13.4	+2.2	13.4	-0.6	13.4	-2.5
1896	9.8		8.9		13.9		18.4		19.3		16.1		13.1		11.1	
Mean	13.8	-4.0	13.8	-4.9	13.8	+0.1	13.8	+4.6	13.8	+5.5	13.8	+2.3	13.8	-0.7	13.8	-2.7
1895	10.9		10.5		15.2		21.5		23.0		19.3		16.4		13.5	
Mean	16.3	-5.4	16.3	-5.8	16.3	-1.1	16.3	+5.2	16.3	+6.7	16.3	+3.0	16.3	+0.1	16.3	-2.8
1894	8.6		7.7		12.6		17.8		18.6		14.9		11.7		10.0	
Mean	12.7	-4.1	12.7	-5.0	12.7	-0.1	12.7	+5.1	12.7	+5.9	12.7	+2.2	12.7	-1.0	12.7	-2.7
MEAN	...	-4.4	...	-5.2	...	-0.6	...	+5.0	...	+6.1	...	+2.4	...	-0.6	...	-2.7

TABLE III.

Temperature Deviation.

March.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	11.5		10.8		16.8		22.0		23.2		19.5		15.7		13.2	
Mean	16.6	-5.1	16.6	-5.8	16.6	+0.2	16.6	+5.4	16.6	+6.6	16.6	+2.9	16.6	-0.9	16.6	-3.4
1897	10.8		9.8		16.4		21.3		22.7		18.9		15.5		13.0	
Mean	16.1	-5.3	16.1	-6.3	16.1	+0.3	16.1	+5.2	16.1	+6.6	16.1	+2.8	16.1	-0.6	16.1	-3.1
1896	11.5		10.3		16.6		21.0		22.2		18.8		15.2		13.3	
Mean	16.1	-4.6	16.1	-5.8	16.1	+0.5	16.1	+4.9	16.1	+6.1	16.1	+2.7	16.1	-0.9	16.1	-2.8
1895	11.3		10.3		16.4		21.3		22.8		19.0		15.0		12.7	
Mean	16.1	-4.8	16.1	-5.8	16.1	+0.3	16.1	+5.2	16.1	+6.7	16.1	+2.9	16.1	-1.1	16.1	-3.4
1894	11.9		10.7		16.8		21.4		22.4		18.9		15.7		14.0	
Mean	16.5	-4.6	16.5	-5.8	16.5	+0.3	16.5	+4.9	16.5	+5.9	16.5	+2.4	16.5	-0.8	16.5	-2.5
MEAN	...	-4.9	...	-5.9	...	+0.3	...	+5.1	...	+6.4	...	+2.7	...	-0.9	...	-3.0

TABLE IV.

Temperature Deviation.

April.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	13.9		13.6		21.7		27.3		28.5		24.7		19.8		16.4	
Mean	20.8	-6.9	20.8	-7.2	20.8	+0.9	20.8	+6.5	20.8	+7.7	20.8	+3.9	20.8	-1.0	20.8	-4.4
1897	13.3		13.2		20.8		25.9		26.9		23.7		18.7		15.6	
Mean	19.8	-6.5	19.8	-6.6	19.8	+1.0	19.8	+6.1	19.8	+7.1	19.8	+3.9	19.8	-1.1	19.8	-4.2
1896	13.1		13.0		20.5		25.5		26.5		30.1		18.9		15.9	
Mean	19.5	-6.4	19.5	-6.5	19.5	+1.0	19.5	+6.0	19.5	+7.0	19.5	+3.6	19.5	-0.6	19.5	-3.6
1895	14.8		14.5		21.6		27.1		28.0		24.7		19.9		16.8	
Mean	20.9	-6.1	20.9	-6.4	20.9	+0.7	20.9	+6.2	20.9	+7.1	20.9	+4.6	20.9	-1.0	20.9	-4.1
1894	13.4		13.4		20.5		24.9		26.5		23.3		18.4		15.3	
Mean	19.4	-6.0	19.4	-6.0	19.4	+1.1	19.4	+5.5	19.4	+7.1	19.4	+3.9	19.4	-1.0	19.4	-4.1
MEAN	...	-6.4	...	-6.5	...	+0.9	...	+6.0	...	+7.2	...	+4.0	...	-0.9	...	-4.1

Temperature Deviation.

May.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	16.4		17.2		24.6		29.9		31.4		28.7		23.0		19.4	
Mean	23.8	-7.4	23.8	-6.6	23.8	+0.8	23.8	+6.1	23.8	+7.6	23.8	+4.9	23.8	-0.8	23.8	-4.4
1897	17.4		18.3		25.3		29.5		31.0		28.4		23.6		20.3	
Mean	24.2	-6.8	24.2	-5.9	24.2	+1.1	24.2	+5.3	24.2	+6.8	24.2	+4.2	24.2	-0.6	24.2	-3.9
1896	18.1		19.0		25.5		29.9		30.8		27.9		23.5		20.0	
Mean	24.3	-6.8	24.3	-5.3	24.3	+1.2	24.3	+5.6	24.3	+3.5	24.3	+3.6	24.3	-0.8	24.3	-4.3
1895	17.4		18.1		25.8		31.0		31.9		27.9		23.8		19.8	
Mean	24.8	-7.4	24.8	-6.7	24.8	+1.0	24.8	+5.2	24.8	+7.1	24.8	+3.1	24.8	-1.0	24.8	-5.0
1894	16.3		17.5		25.2		30.7		32.3		28.8		23.0		18.8	
Mean	24.1	-7.8	24.1	-6.6	24.1	+1.1	24.1	+3.6	24.1	+3.2	24.1	+4.7	24.1	-1.1	24.1	-5.3
MEAN	...	-7.2	...	-6.2	...	+1.0	...	+6.0	...	+7.2	...	+4.1	...	-0.9	...	-4.6

Temperature Deviation.

June.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	18.8		20.2		26.8		31.9		34.0		31.7		25.6		21.4	
Mean	26.3	-7.5	26.3	-6.1	26.3	+0.5	26.3	+5.6	26.3	+7.8	26.3	+5.4	26.3	-0.7	26.3	-4.9
1897	19.4		20.4		27.6		32.1		33.8		31.4		25.9		22.2	
Mean	26.6	-7.2	26.6	-6.2	26.6	+1.0	26.6	+5.5	26.6	+7.2	26.6	+4.8	26.6	-0.7	26.6	-4.4
1896	19.0		20.6		26.5		32.1		32.7		30.6		25.2		21.2	
Mean	26.1	-7.1	26.1	-5.5	26.1	+0.4	26.1	+6.0	26.1	+7.6	26.1	+4.5	26.1	-0.9	26.1	-4.9
1895	18.5		15.9		26.0		31.5		33.4		30.7		24.7		20.8	
Mean	25.7	-7.2	25.7	-5.8	25.7	+0.3	25.7	+5.8	25.7	+7.4	25.7	+5.0	25.7	-1.0	25.7	-4.6
1894	20.7		20.3		27.7		33.7		35.4		32.6		26.4		21.7	
Mean	27.1	-6.4	27.1	-6.8	27.1	+0.6	27.1	+6.6	27.1	+8.3	27.1	+5.5	27.1	-0.7	27.1	-5.4
MEAN	...	-7.1	...	-6.1	...	+0.6	...	+5.9	...	+7.7	...	+5.0	...	-0.8	...	-4.8

Temperature Deviation.

July.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	21.0		21.9		27.1		32.3		34.5		32.4		26.9		23.3	
Mean	27.4	-6.4	27.4	-5.5	27.4	-0.3	27.4	+4.9	27.4	+7.1	27.4	+5.0	27.4	-0.5	27.4	-4.1
1897	21.9		22.7		28.2		32.8		34.8		33.3		27.9		24.1	
Mean	28.2	-6.3	28.2	-5.5	28.2	-0.0	28.2	+4.6	28.2	+6.6	28.2	+5.1	28.2	-0.3	28.2	-4.1
1896	21.2		21.9		27.5		32.9		34.8		32.3		26.7		23.4	
Mean	27.6	-6.4	27.6	-5.7	27.6	-0.1	27.6	+5.3	27.6	+7.2	27.6	+4.7	27.6	-0.9	27.6	-4.2
1985	21.1		21.9		27.6		33.6		35.6		33.7		27.8		23.8	
Mean	28.2	-7.1	28.2	-6.3	28.2	-0.6	28.2	+5.4	28.2	+7.4	28.2	+5.5	28.2	-0.4	28.2	-1.4
1894	21.0		21.8		27.3		32.9		35.1		33.0		27.5		23.4	
Mean	27.7	-6.7	27.7	-5.9	27.7	-0.4	27.7	+5.2	27.7	+7.4	27.7	+5.3	27.7	-0.2	27.7	-4.3
MEAN	...	-6.6	...	-5.8	...	-0.3	...	+5.1	...	+7.1	...	+5.1	...	-0.5	...	-4.2

Temperature Deviation.

August.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	20·8		20·8		26·1		30·4		32·1		29·7		24·8		22·1	
Mean	25·9	-5·1	25·9	-5·1	25·9	+0·2	25·9	+4·5	25·9	+3·2	25·9	+3·8	25·9	-1·1	25·9	-3·8
1897	20·7		20·9		26·7		31·0		32·6		30·8		26·0		23·0	
Mean	26·5	-5·8	26·5	-5·6	26·5	+0·2	26·5	+4·5	26·5	+6·1	26·5	+4·3	26·5	-0·5	26·5	-3·5
1896	22·0		22·2		28·0		33·2		35·5		32·4		27·4		24·3	
Mean	28·1	-6·1	28·1	-5·9	28·1	-0·1	28·1	+5·1	28·1	+7·4	28·1	+4·3	28·1	-0·7	28·1	-3·8
1895	21·5		21·8		27·0		31·5		33·3		31·1		26·3		23·2	
Mean	26·9	-5·4	26·9	-5·1	26·9	+0·1	26·9	+4·6	26·9	+6·4	26·9	+4·2	26·9	-0·6	26·9	-3·7
1894	21·4		21·9		26·8		31·8		33·8		31·5		26·1		23·2	
Mean	27·1	-5·7	27·1	-5·2	27·1	-0·3	27·1	+4·7	27·1	+3·7	27·1	+4·4	27·1	-1·0	27·1	-3·9
MEAN	...	-5·6	...	-5·4	...	-0·1	...	+4·7	...	+6·6	...	+4·2	...	-0·8	...	-3·7

Temperature Deviation.

September.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	18·7		18·7		24·6		29·2		30·2		27·0		22·8		20·2	
Mean	23·9	—5·2	23·9	—5·2	23·9	+0·7	23·9	+5·3	23·9	+6·3	23·9	+3·1	23·9	—1·1	23·9	—2·7
1897	20·8		20·7		26·2		31·2		32·3		29·0		24·8		22·5	
Mean	26·0	—5·2	26·0	—5·3	26·0	+0·2	26·0	+5·2	26·0	+6·3	26·0	+3·0	26·0	—1·2	26·0	—3·5
1896	20·1		20·0		26·5		30·5		32·0		28·1		24·6		21·9	
Mean	25·5	—5·4	25·5	—5·5	25·5	+1·0	25·5	+5·0	25·5	+6·5	25·5	+2·6	25·5	—0·9	25·5	—3·6
1895	19·1		18·1		25·4		30·0		30·8		27·0		23·0		20·5	
Mean	24·4	—5·3	24·4	—6·3	24·4	+1·0	24·4	+5·6	24·4	+6·4	24·4	+2·6	24·4	—1·4	24·4	—3·9
1894	19·4		19·8		25·4		30·2		31·6		28·2		23·6		20·8	
Mean	24·9	—5·5	24·9	—5·1	24·9	+0·5	24·9	+5·3	24·9	+5·7	24·9	+3·3	24·9	—1·3	24·9	—4·1
MEAN	...	—5·3	...	—5·5	...	+0·7	...	+5·3	...	+5·4	...	+2·9	...	—1·2	...	—3·6

Temperature Deviation.

October.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	18.9		18.2		24.1		29.7		31.0		26.5		23.1		20.6	
Mean	24.0	-5.1	24.0	-5.8	24.0	+0.1	24.0	+5.7	24.0	+7.0	24.0	+1.5	24.0	-0.9	24.0	-3.4
1897	17.7		16.9		22.9		27.6		28.0		24.1		21.1		19.2	
Mean	22.2	-4.5	22.2	-5.3	22.2	+0.7	22.2	+5.4	22.2	+5.8	22.2	+1.9	22.2	-1.1	22.2	-3.0
1896	18.1		17.6		22.9		28.4		29.5		25.0		21.9		19.6	
Mean	22.9	-4.8	22.9	-5.3	22.9	0.0	22.9	+5.5	22.9	+5.6	22.9	+2.1	22.9	-1.0	22.9	-3.3
1895	16.7		16.0		22.4		26.6		27.5		23.3		20.6		18.5	
Mean	21.4	-4.7	21.4	-5.4	21.4	+1.0	21.4	+5.2	21.4	+5.1	21.4	+1.9	21.4	-0.8	21.4	-2.9
1894	18.4		18.6		24.2		30.2		31.0		26.2		22.4		20.0	
Mean	23.9	-5.5	23.9	-5.3	23.9	+0.3	23.9	+5.3	23.9	+7.1	23.9	+2.3	23.9	-1.5	23.9	-3.9
MEAN	...	-4.9	...	-5.4	...	+0.4	...	+5.6	...	+5.5	...	+1.9	...	-1.1	...	-3.3

Temperature Deviation.

November.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	15.1		14.8		18.6		23.6		24.1		20.1		17.6		15.8	
Mean	18.7	-3.6	18.7	-3.9	18.7	-0.1	18.7	+1.9	18.7	+5.4	18.7	+1.4	18.7	-1.1	18.7	-2.9
1897	10.5		9.7		15.1		20.1		20.5		16.6		14.1		12.0	
Mean	14.8	-4.3	14.8	-5.1	14.8	+0.3	14.8	+5.3	14.8	+5.7	14.8	+1.8	14.8	-0.7	14.8	-2.8
1896	14.0		13.2		19.2		24.5		25.5		20.8		18.0		15.7	
Mean	18.9	-4.9	18.9	-5.7	18.9	+0.3	18.9	+5.6	18.9	+3.6	18.9	+1.9	18.9	-0.9	18.9	-3.2
1895	13.6		13.0		17.9		22.8		23.2		19.3		16.9		15.0	
Mean	17.7	-4.3	17.7	-4.7	17.7	+0.2	17.7	+5.1	17.7	+5.5	17.7	+1.6	17.7	-0.8	17.7	-2.7
1894	11.6		14.4		18.5		22.6		23.0		19.2		17.0		15.3	
Mean	18.1	-3.5	18.1	-3.7	18.1	+0.4	18.1	+4.5	18.1	+4.9	18.1	+1.1	18.1	-1.1	18.1	-2.8
MEAN	...	-4.1	...	-4.6	...	+0.2	...	+5.1	...	+5.6	...	+1.6	...	-0.9	...	-2.9

Temperature Deviation.

December.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1898	9.5		8.8		12.7		18.7		19.3		15.0		12.8		10.8	
Mean	13.4	-3.9	13.4	-4.6	13.4	-0.7	13.4	+5.3	13.4	+5.9	13.4	+1.6	13.4	-0.6	13.4	-2.6
1897	8.9		8.0		11.6		16.7		17.5		13.8		11.6		9.8	
Mean	12.2	-3.3	12.2	-4.2	12.2	-0.6	12.2	+1.5	12.2	+5.3	12.2	+1.6	12.2	-0.6	12.2	-2.4
1896	11.0		10.2		13.9		19.7		21.3		16.8		14.4		12.3	
Mean	15.0	-4.0	15.0	-4.8	15.0	-1.1	15.0	+4.7	15.0	+6.3	15.0	+1.8	15.0	-0.6	15.0	-2.7
1895	11.0		10.1		13.7		18.9		19.6		15.9		13.8		12.2	
Mean	14.4	-3.4	14.4	-4.3	14.4	-0.7	14.4	+4.5	14.4	+5.2	14.4	+1.5	14.4	-0.6	14.4	-2.2
1894	11.0		10.6		14.5		18.7		19.6		15.6		13.7		12.2	
Mean	14.5	-3.5	14.5	-3.9	14.5	0.0	14.5	+4.2	14.5	+5.1	14.5	+1.1	14.5	-0.8	14.5	-2.3
MEAN	...	-3.6	...	-4.4	...	-0.8	...	+4.6	...	+5.6	...	+1.5	...	-0.6	...	-2.4

Barometric Deviation.

January

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	761·82		761·82		762·29		761·94		760·88		761·29		761·89		761·80	
Mean	761·72	+0·10	761·72	+0·10	761·72	+0·57	761·72	+0·22	761·72	—0·84	761·72	—0·43	761·72	+0·17	761·72	+0·08
1895	761·89		762·01		762·82		761·75		761·01		761·39		762·07		762·06	
Mean	761·88	+0·01	761·88	+0·03	761·88	+0·94	761·88	—0·13	761·88	—0·87	761·88	—0·49	761·88	+0·19	761·88	+0·18
1896	760·37		760·40		761·15		760·19		759·50		759·90		760·50		760·46	
Mean	760·31	+0·06	760·31	+0·09	760·31	+0·84	760·31	—0·12	760·31	—0·81	760·31	—0·41	760·31	+0·19	760·31	+0·15
1897	762·12		762·13		762·65		761·64		760·88		761·36		761·98		762·12	
Mean	761·86	+0·26	761·86	+0·27	761·86	+0·79	761·86	—0·22	761·86	—0·98	761·86	—0·50	761·86	+0·12	761·86	+0·26
1898	765·61		765·75		766·29		765·25		764·64		765·13		765·69		765·66	
Mean	765·50	+0·11	765·50	+0·25	765·50	+0·79	765·50	—0·25	765·50	—0·86	765·50	—0·37	765·50	+0·19	765·50	+0·16
MEAN	...	+0·11	...	+0·17	...	+0·79	...	—0·10	...	—0·87	...	—0·44	...	+0·17	...	+0·17

Barometric Deviation.

February.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	759.83		759.98		760.94		759.88		758.85		759.22		760.03		760.07	
Mean	759.85	-0.02	759.85	+0.13	759.85	+1.09	759.85	+0.03	759.85	-1.00	759.85	-0.63	759.85	+0.18	759.85	+0.22
1895	759.62		759.64		760.31		759.32		758.47		758.65		759.37		759.60	
Mean	759.38	+0.24	759.38	+0.26	759.38	+0.93	759.38	-0.06	759.38	-0.91	759.38	-0.73	759.38	-0.01	759.38	+0.22
1896	762.63		763.05		763.39		763.32		761.95		762.23		762.78		762.63	
Mean	762.75	-0.12	762.75	+0.30	762.75	+0.64	762.75	+0.57	762.75	-0.80	762.75	-0.52	762.75	+0.03	762.75	-0.12
1897	762.45		762.56		763.06		762.35		761.37		761.72		762.34		762.60	
Mean	762.30	+0.15	762.30	+0.26	762.30	+0.76	762.30	+0.05	762.30	-0.93	762.30	-0.58	762.30	+0.04	762.30	+0.30
1898	760.54		760.50		761.26		760.73		759.83		760.07		760.63		760.72	
Mean	760.57	-0.03	760.57	-0.07	760.57	+0.69	760.57	+0.16	760.57	-0.74	760.57	-0.50	760.57	+0.06	760.57	+0.15
MEAN	...	+0.04	...	+0.18	...	+0.82	...	+0.15	...	-0.88	...	-0.59	...	+0.06	...	+0.15

Barometric Deviation.**March.**

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	758.60	-0.18	758.67	-0.11	759.62	+0.84	758.80	+0.02	758.19	-0.59	758.82	+0.04	759.06	+0.28	759.06	+0.28
Mean	758.78		758.78		758.78		758.78		758.78		758.78		758.78		758.78	
1895	758.45	-0.10	758.70	+0.15	759.30	+0.75	758.74	+0.19	757.70	-0.85	757.83	-0.72	758.79	+0.24	758.89	+0.34
Mean	758.55		758.55		758.55		758.55		758.55		758.55		758.55		758.55	
1896	758.19	+0.02	758.39	+0.22	758.97	+0.80	758.21	+0.04	757.24	-0.93	757.58	-0.59	758.42	+0.25	758.39	+0.22
Mean	758.17		758.17		758.17		758.17		758.17		758.17		758.17		758.17	
1897	760.57	+0.04	761.04	+0.51	761.28	+0.75	760.70	+0.17	759.66	-0.87	759.92	-0.61	760.63	+0.10	760.65	+0.12
Mean	760.53		760.53		760.53		760.53		760.53		760.53		760.53		760.53	
1898	759.91	+2.13	759.94	+2.16	758.42	+0.64	757.85	+0.07	756.77	-1.01	757.08	-0.70	758.07	+0.29	758.24	+0.46
Mean	757.78		757.78		757.78		757.78		757.78		757.78		757.78		757.78	
MEAN	...	+0.38	...	+0.59	...	+0.76	...	+0.10	...	-0.85	...	-0.52	...	+0.23	...	+0.28

Barometric Deviation.

April.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	758.00		758.28		758.84		758.18		757.22		757.34		758.33		758.30	
Mean	758.04	-0.04	758.04	+0.24	758.04	+0.80	758.04	+0.14	758.04	-0.82	758.04	-0.70	758.04	+0.29	758.04	+0.26
1895	757.17		757.37		757.95		757.22		756.11		756.23		757.46		757.46	
Mean	757.13	+0.04	757.13	+0.24	757.13	+0.82	757.13	+0.09	757.13	-1.02	757.13	-0.90	757.13	+0.33	757.13	+0.33
1896	757.11		757.35		757.68		757.18		756.34		756.63		757.66		757.58	
Mean	757.19	-0.08	757.19	+0.16	757.19	+0.49	757.99	-0.01	757.19	-0.85	757.19	-0.56	757.19	+0.47	757.19	+0.39
1897	759.08		759.16		759.74		759.03		758.03		758.08		759.46		759.35	
Mean	758.99	+0.09	758.99	+0.17	758.99	+0.75	758.99	+0.04	758.99	-0.96	758.99	-0.91	758.99	+0.47	758.99	+0.36
1898	759.32		759.41		759.87		759.21		758.08		758.26		759.25		759.27	
Mean	759.09	+0.23	759.09	+0.32	759.09	+0.78	759.09	+0.12	759.09	-1.01	759.09	-0.83	759.09	+0.16	759.09	+0.18
MEAN	...	+0.05	...	+0.23	...	+0.73	...	+0.08	...	-0.93	...	-0.78	...	+0.34	...	+0.30

Barometric Deviation.

May.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	757·62		757·90		758·23		757·48		756·44		756·71		757·84		757·82	
Mean	757·51	+0·11	757·51	+0·39	757·51	+0·72	757·51	-0·03	757·51	-1·07	757·51	-0·80	757·51	+0·33	757·51	+0·31
1895	758·48		758·58		758·98		758·23		757·34		757·73		758·89		758·94	
Mean	758·40	+0·08	758·40	+0·18	758·40	+0·58	758·40	-0·17	758·40	-1·06	758·40	-0·67	758·40	+0·49	758·40	+0·54
1896	759·06		759·26		759·84		759·01		758·12		758·14		759·19		759·09	
Mean	758·90	+0·16	758·90	+0·36	758·90	+0·94	758·90	+0·11	758·90	-0·78	758·90	-0·76	758·90	+0·29	758·90	+0·19
1897	757·07		757·26		757·78		757·19		756·09		755·95		757·06		757·07	
Mean	756·93	+0·14	756·93	+0·33	756·93	+0·85	756·93	+0·26	756·93	-0·84	756·93	-0·98	756·93	+0·13	756·93	+0·14
1898	757·67		757·64		758·25		757·54		756·45		756·46		757·74		757·87	
Mean	757·47	+0·20	757·47	+0·17	757·47	+0·78	757·47	+0·07	757·47	-1·02	757·47	-1·01	757·47	+0·27	757·47	+0·40
MEAN	...	+0·14	...	+0·29	...	+0·77	...	+0·05	...	-0·95	...	-0·84	...	+0·30	...	+0·32

Barometric Deviation.

June.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	756.51	+0.26	756.82	+0.57	756.97	+0.72	756.28	+0.03	755.17	-1.08	755.22	-1.03	756.43	+0.18	756.52	+0.27
Mean	756.25		756.25		756.25		756.25		756.25		756.25		756.25		756.25	
1895	758.01	+0.29	758.22	+0.50	758.42	+0.70	757.64	-0.08	756.58	-1.14	756.77	-0.95	757.96	+0.24	758.05	+0.33
Mean	757.72		757.72		757.72		757.72		757.72		757.72		757.72		757.72	
1896	756.73	+0.33	756.84	+0.44	757.06	+0.66	756.30	-0.10	755.34	-1.06	755.62	-0.78	756.79	+0.39	756.67	+0.27
Mean	756.40		756.40		756.40		756.40		756.40		756.40		756.40		756.40	
1897	757.42	+0.12	757.54	+0.24	757.88	+0.58	757.29	-0.01	756.24	-1.06	756.57	-0.73	756.90	-0.40	757.59	+0.29
Mean	757.30		757.30		757.30		757.30		757.30		757.30		757.30		757.30	
1898	756.79	+0.34	757.00	+0.55	757.22	+0.77	756.45	0.00	755.35	-1.10	755.50	-0.95	756.55	+0.10	756.79	+0.34
Mean	756.45		756.45		756.45		756.45		756.45		756.45		756.45		756.45	
MEAN	...	+0.27	...	+0.46	...	+0.69	...	-0.03	...	-1.09	...	-0.89	...	+0.10	...	+0.30

Barometric Deviation.

July.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	754.38		754.55		754.77		754.16		753.10		753.17		754.24		754.41	
Mean	754.10	+0.28	754.10	+0.45	754.10	+0.67	754.10	+0.06	754.10	-1.00	754.10	-0.93	754.10	+0.14	754.10	+0.31
1895	754.92		755.21		755.34		754.60		753.60		753.67		754.62		754.90	
Mean	754.64	+0.28	754.64	+0.57	754.64	+0.70	754.64	-0.04	754.64	-1.04	754.64	-0.97	754.64	-0.02	754.64	+0.26
1896	755.46		755.57		755.90		755.06		753.99		754.30		755.16		755.38	
Mean	755.90	-0.44	755.90	-0.33	755.90	0.00	755.90	-0.85	755.90	-1.91	755.90	-1.60	755.90	-0.74	755.90	-0.52
1897	754.45		754.46		754.90		754.28		753.20		753.19		754.26		754.53	
Mean	754.15	+0.30	754.15	+0.31	754.15	+0.75	754.15	+0.13	754.15	-0.95	754.15	-0.96	754.15	+0.11	754.15	+0.38
1898	754.65		754.85		755.17		754.49		753.49		753.52		754.61		754.66	
Mean	754.43	+0.22	754.43	+0.42	754.43	+0.74	754.43	+0.06	754.43	-0.94	754.43	-0.91	754.43	+0.18	754.43	+0.23
MEAN	...	+0.13	...	+0.28	...	+0.57	...	-0.13	...	-1.17	...	-1.07	...	-0.07	...	+0.13

Barometric Deviation.

August.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	754·95		755·52		755·54		754·90		753·86		753·83		755·01		755·15	
Mean	754·84	+0·11	754·84	+0·68	754·84	+0·70	754·84	+0·06	754·84	-0·98	754·84	-1·01	754·84	+0·17	754·84	+0·31
1895	754·46		754·68		755·00		754·34		753·42		753·51		754·64		754·74	
Mean	754·34	+0·12	754·34	+0·34	754·34	+0·66	754·34	0·00	754·34	-0·92	754·34	-0·83	754·34	+0·30	754·34	+0·40
1896	755·05		755·23		755·75		755·05		754·04		754·13		754·98		755·16	
Mean	754·92	+0·13	754·92	+0·31	754·92	+0·83	754·92	+0·13	754·92	-0·88	754·92	-0·79	754·92	+0·06	754·92	+0·24
1897	755·29		755·56		756·01		755·52		754·60		754·56		755·37		755·54	
Mean	755·28	+0·01	755·28	+0·28	755·28	+0·73	755·28	+0·24	755·28	-0·68	755·28	-0·72	755·28	+0·09	755·28	+0·26
1898	755·64		755·82		756·17		755·61		754·71		754·81		755·92		756·03	
Mean	755·58	+0·06	755·58	+0·24	755·58	+0·59	755·58	+0·03	755·58	-0·87	755·58	-0·77	755·58	+0·34	755·58	+0·45
MEAN	...	+0·09	...	+0·37	...	+0·70	...	+0·09	...	-0·87	...	-0·82	...	+0·19	...	+0·33

Barometric Deviation.

September.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	757.31		757.51		758.10		757.24		756.27		756.40		757.62		757.60	
Mean	757.26	+0.05	757.26	+0.25	757.26	+0.84	757.26	-0.02	757.26	-0.99	757.26	-0.86	757.26	+0.36	757.26	+0.34
1895	758.49		758.57		759.15		758.55		757.69		758.08		759.11		759.07	
Mean	758.58	-0.09	758.58	-0.01	758.58	+0.57	758.58	-0.03	758.58	-0.89	758.58	-0.50	758.58	+0.53	758.58	+0.49
1896	757.20		757.22		757.79		757.08		756.28		756.61		757.33		757.33	
Mean	757.12	+0.08	757.12	+0.10	757.12	+0.67	757.12	-0.04	757.12	-0.84	757.13	-0.51	757.12	+0.21	757.12	+0.21
1897	757.58		757.82		758.34		757.56		756.50		756.69		757.67		757.74	
Mean	757.49	+0.09	757.49	+0.33	757.49	+0.85	757.49	+0.07	757.49	-0.99	757.49	-0.80	757.49	+0.18	757.49	+0.25
1898	757.59		757.72		758.15		757.49		756.56		756.79		757.83		757.81	
Mean	757.49	+0.10	757.49	+0.23	757.49	+0.66	757.49	0.00	757.49	-0.93	757.49	-0.70	757.49	+0.34	757.49	+0.32
MEAN	...	+0.05	...	+0.18	...	+0.72	...	0.00	...	-0.93	...	-0.67	...	+0.32	...	+0.32

Barometric Deviation.

October.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	759.85		760.04		760.69		759.74		758.84		759.20		760.09		760.08	
Mean	759.82	+0.03	759.82	+0.22	759.82	+0.87	759.82	-0.08	759.82	-0.98	759.82	-0.62	759.82	+0.27	759.82	+0.26
1895	758.73		758.93		759.48		758.72		757.75		758.07		758.90		758.89	
Mean	758.68	+0.05	758.68	+0.25	758.68	+0.80	758.68	+0.04	758.68	-0.93	758.68	-0.61	758.68	+0.22	758.68	+0.21
1896	759.64		759.78		760.38		759.44		758.48		758.87		759.74		759.90	
Mean	759.53	+0.11	759.53	+0.25	759.53	+0.85	759.53	-0.09	759.53	-1.05	759.53	-0.66	759.53	+0.21	759.53	+0.37
1897	760.47		760.75		761.20		760.38		759.58		759.92		760.72		760.73	
Mean	760.47	0.00	760.47	+0.28	760.47	+0.73	760.47	-0.09	760.47	-0.89	760.47	-0.55	760.47	+0.25	760.47	+0.26
1898	758.39		758.87		759.09		758.29		757.27		757.57		758.41		758.38	
Mean	758.25	+0.14	758.25	+0.62	758.25	+0.84	758.25	+0.04	758.25	-0.98	758.25	-0.68	758.25	+0.16	758.25	+0.13
MEAN	...	+0.07	...	+0.32	...	+0.82	...	-0.04	...	-0.97	...	-0.62	...	+0.22	...	+0.25

Barometric Deviation.

November.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	759.57		759.69		760.26		759.22		758.48		759.02		759.68		759.72	
Mean	759.45	+0.12	759.45	+0.24	759.45	+0.81	759.45	-0.23	759.45	-0.97	759.45	-0.43	759.45	+0.23	759.45	+0.27
1895	761.11		761.27		761.84		760.81		759.98		760.46		761.06		761.08	
Mean	760.94	+0.17	760.94	+0.33	760.94	+0.90	760.94	-0.13	760.94	-0.96	760.94	-0.48	760.94	+0.12	760.94	+0.14
1896	761.24		761.39		762.07		761.03		760.18		760.55		761.16		761.23	
Mean	761.10	+0.14	761.10	+0.29	761.10	+0.97	761.10	-0.07	761.10	-0.92	761.10	-0.55	761.10	+0.06	761.10	+0.13
1897	763.73		763.88		764.40		763.52		762.83		763.17		763.75		763.85	
Mean	763.64	+0.09	763.64	+0.24	763.64	+0.76	763.64	-0.12	763.64	-0.81	763.64	-0.47	763.64	+0.11	763.64	+0.21
1898	760.65		760.96		761.54		760.65		760.00		760.44		761.04		761.14	
Mean	760.81	-0.06	760.81	+0.15	760.81	+0.73	760.81	-0.16	760.81	-0.81	760.81	-0.37	760.81	+0.23	760.81	+0.33
MEAN	...	+0.09	...	+0.25	...	+0.83	...	-0.14	...	-0.89	...	-0.46	...	+0.15	...	+0.22

Barometric Deviation.

December.

YEAR	3 a.m.	Difference.	6 a.m.	Difference.	9 a.m.	Difference.	Noon	Difference.	3 p.m.	Difference.	6 p.m.	Difference.	9 p.m.	Difference.	Midnt.	Difference.
1894	760.57		760.68		761.52		760.60		759.83		760.13		760.73		760.72	
Mean	760.60	-0.03	760.60	+0.08	760.60	+0.92	760.60	0.00	760.60	-0.77	760.60	-0.47	760.60	+0.13	760.60	+0.12
1895	760.93		761.43		761.88		760.74		760.18		760.71		761.31		761.26	
Mean	761.01	-0.08	761.01	+0.42	761.01	+0.87	761.01	-0.27	761.01	-0.83	761.01	-0.30	761.01	+0.30	761.01	+0.25
1896	761.91		762.01		762.62		761.75		760.89		761.43		762.12		762.27	
Mean	761.88	+0.03	761.88	+0.13	761.88	+0.74	761.88	-0.13	761.88	-0.99	761.88	-0.45	761.88	+0.24	761.88	+0.39
1897	763.29		763.44		764.02		763.20		762.56		763.05		763.65		763.66	
Mean	763.35	-0.06	763.35	+0.09	763.35	+0.67	763.35	-0.15	763.35	-0.79	763.35	-0.30	763.35	+0.30	763.35	+0.31
1898	761.36		761.46		762.30		761.53		760.87		761.25		761.81		761.58	
Mean	761.51	-0.15	761.51	-0.05	761.51	+0.79	761.51	+0.02	761.51	-0.64	761.51	-0.26	761.51	+0.30	761.51	+0.07
MEAN	...	-0.06	...	+0.13	...	+0.80	...	-0.11	...	-0.80	...	-0.36	...	+0.25	...	+0.23

Comparison of Mean Temperatures of First and Second Order.

	Mean temperature at Abbassia	Mean of results at { 6 a.m. 2 1/2 p.m. 9 p.m.		Mean temperature at Abbassia	Mean of results at { 6 a.m. 2 1/2 p.m. 9 p.m.		Mean temperature at Abbassia	Mean of results at { 6 a.m. 2 1/2 p.m. 9 p.m.		Mean temperature at Abbassia	Mean of results at { 6 a.m. 2 1/2 p.m. 9 p.m.
January 1898...	9.92	10.05	April 1898...	19.77	19.67	July 1898...	27.43	27.76	October 1898...	24.02	24.15
" 1897...	13.29	13.47	" 1897...	20.75	20.54	" 1897...	28.19	28.42	" 1897...	22.19	22.04
" 1896...	11.95	12.16	" 1896...	24.33	24.49	" 1896...	27.59	27.86	" 1896...	22.86	22.67
" 1895...	12.44	12.70	" 1895...	20.92	19.51	" 1895...	28.16	28.46	" 1895...	21.44	21.19
" 1894...	12.58	12.67	" 1894...	19.44	19.10	" 1894...	27.74	28.07	" 1894...	23.87	24.08
Mean	12.03	12.01	Mean	21.04	20.66	Mean	27.82	28.11	Mean	22.88	22.83
February 1898...	13.76	13.91	May 1898...	23.82	23.88	August 1898...	25.85	25.28	November 1898...	18.72	18.91
" 1897...	13.36	13.41	" 1897...	24.21	24.39	" 1897...	26.46	26.50	" 1897...	14.84	14.74
" 1896...	13.81	13.76	" 1896...	19.51	19.50	" 1896...	28.11	28.36	" 1896...	18.86	18.89
" 1895...	16.25	16.60	" 1895...	24.33	24.39	" 1895...	26.94	27.60	" 1895...	17.70	17.89
" 1894...	12.70	12.65	" 1894...	24.07	24.28	" 1894...	27.07	27.21	" 1894...	18.07	18.21
Mean	13.98	14.07	Mean	23.19	23.29	Mean	26.88	26.99	Mean	17.64	17.73
March 1898...	16.60	16.47	June 1898...	26.31	26.61	September 1898...	23.90	23.87	December 1898...	13.44	13.68
" 1897...	16.05	16.03	" 1897...	26.57	26.67	" 1897...	25.95	25.99	" 1897...	12.23	12.38
" 1896...	16.11	15.93	" 1896...	26.10	26.64	" 1896...	25.47	25.51	" 1896...	14.95	15.34
" 1895...	16.11	16.02	" 1895...	25.70	25.90	" 1895...	24.35	22.39	" 1895...	14.42	14.55
" 1894...	16.48	16.34	" 1894...	27.06	27.27	" 1894...	24.87	24.97	" 1894...	14.49	14.67
Mean	16.27	16.16	Mean	26.35	26.62	Mean	24.91	24.55	Mean	13.91	14.12
Mean temperature for 5 years								20.58	20.60		

Barometric Means First and Second Order.

MONTHS (1894-1898)	DEVIATIONS FROM CURVES			COMBINATION 8 ^a , 2 ^p , 8 ^p
	8 ^a	2 ¹ ₂ ^p	9 ^p	
January	+·68	—·84	+·26	+·03
February	+·78	—·82	+·04	·00
March... ..	+·74	—·84	+·14	+·01
April	+·58	—·85	+·36	+·03
May	+·68	—·77	+·28	+·06
June	+·64	—1·02	+·36	—·01
July	+·56	—0·96	+·03	—·12
August	+·62	—0·78	+·18	+·01
September	+·72	—0·88	+·30	+·05
October	+·74	—0·90	+·22	+·02
November	+·76	—0·83	+·13	+·02
December	+·82	—0·82	+·26	+·09
MEAN... ..				+·016

Comparison of First and Second Order Means (1884—1898).

MEAN VALUE OF	8 ^a	2 ^b	8 ^b	MIN.	MEAN	MEAN OF 15 YEARS FIRST ORDER
Temperature (Cent.)... ..	19·2	27·3	21·8	15·7	21·0	21·1
Barometric pressure (mm.)	759·2	758·0	758·6	(Not used.)	758·60	758·62

Temperature Means, First and Second Order.

MONTHS (1894-1898)	DEVIATIONS FROM CURVES							COMBINATIONS				
	Min.	7 ^a	8 ^a	2 ^p	Max.	8 ^p	9 ^p	$\frac{7^a, 2^p, 9^p}{3}$	$\frac{8^a, 2^p, 8^p}{3}$	$\frac{8^a, 2^p, 8^p + \text{Min.}}{4}$	$\frac{8^a, 8^p}{2}$	$\frac{\text{Max.} + \text{Min.}}{2}$
January	-4.8	-4.1	-2.4	+6.4	+6.5	+0.3	-0.4	+0.63	+1.43	-0.12	-1.05	+0.85
February	-5.4	-3.8	-2.2	+7.2	+7.2	+0.4	-0.6	+0.93	+1.86	0.00	-0.90	+0.90
March	-6.0	-3.7	-1.6	+7.2	+7.2	+0.2	-0.9	+0.87	+1.93	-0.05	-0.70	+0.60
April	-7.0	-4.0	-1.5	+7.5	+7.6	+0.6	-0.9	+0.90	+2.20	-0.10	-0.45	+0.30
May	-7.2	-3.6	-1.0	+7.4	+7.4	+0.7	-0.9	+0.97	+2.70	-0.02	-0.15	+0.20
June	-7.2	-4.4	-1.6	+7.5	+7.8	+1.0	-0.8	+0.77	+2.30	0.00	-0.30	+0.30
July	-6.7	-4.2	-2.4	+6.8	+7.0	+1.6	-0.5	+0.77	+2.00	-0.12	-0.40	+0.15
August	-5.7	-3.6	-1.7	+6.4	+6.6	+1.0	-0.8	+0.70	+1.90	+0.05	-0.30	+0.45
September	-5.7	-3.8	-1.4	+6.3	+6.4	-0.3	-1.2	+0.43	+1.53	-0.22	-0.85	+0.35
October	-5.4	-3.8	-1.7	+6.6	+6.6	-0.2	-1.1	+0.57	+1.90	-0.18	-0.95	+0.60
November	-4.8	-3.8	-1.6	+6.0	+6.0	-0.2	-1.0	+0.40	+1.40	-0.05	-0.90	+0.60
December	-4.4	-3.8	-2.4	+6.0	+6.0	0.0	-0.6	+0.53	+1.20	-0.35	-1.20	+0.80
MEAN								+0.71	+1.86	-0.10	-0.68	+0.51

Barometric Means, First and Second Order.

MONTHS (1894-1898)	DEVIATIONS FROM CURVES			COMBINATION 8 ^a , 2 ^p , 8 ^p
	8 ^a	2 ^p	8 ^p	
January	+·68	-·75	+·14	+·02
February	+·78	-·68	-·16	-·02
March... ..	+·74	-·72	+·04	+·06
April	+·58	-·74	+·04	-·04
May	+·68	-·62	-·04	+·01
June	+·64	-·88	+·27	+·01
July	+·56	-·82	-·30	-·19
August	+·62	-·64	-·13	-·05
September	+·72	-·78	+·06	·00
October	+·74	-·80	+·12	+·03
November	+·76	-·70	-·02	+·01
December	+·82	-·78	+·15	+·06
MEAN... ..				-·008

Humidity Means, First and Second Order.

MONTHS (1884-1898)	DEVIATION FROM CURVES			COMBINATIONS	
	8^a	2^b	8^a	$\frac{8^a + 8^b}{2}$	$\frac{8^a + 2^b + 8^a}{3}$
January	+10	—21	— 1	+4.5	—4.0
February	+ 9	—20	— 7	+1.0	—6.0
March	+15	—22	— 1	+7.0	—2.7
April	+ 6	—24	— 3	+1.5	—7.0
May	+ 7	—22	— 6	+0.5	—7.0
June	+ 7	—37	— 5	+1.0	—11.7
July	+12	—23	— 9	—1.5	—6.7
August	+13	—26	— 9	+2.0	—7.3
September	+ 8	—25	— 4	+2.0	—7.0
October	+ 8	—27	— 1	+3.5	—6.7
November	+ 8	—29	0.0	+4.0	—7.0
December	+ 6	—27	— 1	+2.5	—7.3
MEAN... ..				+2.6	—6.7

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APPENDIX II.

NOTES ON THE USE OF CALLENDAR ELECTRIC RECORDERS WITH PLATINUM THERMOMETERS.

Two of Callendar's recorders, No. 17 and No. 18, have been in use at this Observatory in conjunction with platinum thermometers, No. 216, No. 217 and No. 275. It is thought that a short account of their performance may be of service to others using this class of instrument.

I.

The Instrument and its Adjustments.

DESCRIPTION OF THE INSTRUMENT.

The instrument almost in the form used here is described in "Engineering" for May 26th, 1899, to which the reader is referred for full details. Briefly it is a Wheatstone's Bridge, one arm consisting of a resistance box and the other of the platinum resistance whose variations are to determine the temperature. In series with the resistance box is placed a length of wire which is an exact counterpart of the thermometer's leads, and intertwined with them. This wire is called the compensator. Temperature changes in the leads and compensator will have equal and opposite effects on the balance of the bridge and may be ignored. The correction corresponding to the "emergent stem" of a mercurial thermometer is thus avoided, and in determining dew-points or wet bulb temperatures this is an advantage.

The arm of the bridge containing the resistance box and compensator is separated from that containing the thermometer by a short bridge wire.

A sliding contact divides the bridge wire into any two portions and is joined to the galvanometer. If the resistance of the box, the compensator

and one portion of the bridge wire equals that of the other portion of the bridge wire and of the thermometer, no deflection of the galvanometer can occur.

All that has been described so far is common to ordinary platinum thermometry, but the feature of these automatic recorders is that the sliding contact carries a pen and is driven by clock-work along the wire till that point is reached where there is no deflection of the galvanometer. At all other points the deflection of the galvanometer causes a contact to be made between one or other of two light conductors and the rotating wheel of a clock (the contacts clock). This determines the flow of a current through one or other of two relay circuits, causing the brake which checks a wheel of a motor clock to be lifted, and accordingly the pen to be moved to the right or left.

ADJUSTMENTS.

(a) *The Battery.*—Four volts should be used between the poles marked + and —, and for this purpose reliable secondary cells should be used. Primary cells are certainly not to be recommended. The connections + and — should not be interchanged, otherwise the automatic tendency of the pen to move towards the point of no deflection will be reversed.

(b) *The Galvanometer.*—The recorder should be set up so that the galvanometer swings quite freely. To be sure of this, lift the contacts clock out of reach of the two light conductors. It is then easy to see if the galvanometer swings freely. If the supporting threads of the galvanometer have accidentally been broken, it will be found that, unless they are very neatly resoldered, it will be difficult to cause the galvanometer to

swing freely. Great care should therefore be taken to preserve these threads or replace them skilfully.

(c) *Bridge Wire*.—The makers fitted recorders Nos. 17 and 18 so that one chart division represented 2° F. and so that the 32° F. was conveniently placed. If it is wished to obtain a more open scale, the bridge wire must be shunted. A simple rule is that to double the value of one scale division the shunt inserted must have a resistance equal to that of the bridge wire.

(d) *Plugs*.—A great advantage of the system is that by taking out or putting in plugs the zero can be brought to any desired part of the paper. Change of plugs has no other effect on the working than to shift the record bodily. A very open scale may therefore be used without the risk of the record going off the sheet, the plugs being adjusted to suit the temperature.

II.

Methods of Reducing the Records.

The adjustments being complete the methods of reduction will be considered. Three cases are possible—we may accept the maker's graduation and use direct readings, we may compare with mercury thermometers, or we may make an entirely independent standardization.

DIRECT READINGS.

This method has not been employed here partly because it was thought desirable to employ a more open scale, partly for other reasons.

STANDARDIZATION BY MERCURIAL THERMOMETERS.

The most accurate procedure doubtless would be to expose platinum and mercurial thermometers in a water bath and compare them at various steady temperatures. It is however simpler and apparently little less accurate to make the comparisons in a screen, especially if the thermometer is for use in measuring air temperature. In this case we need not delay

continuous recording till the standardization is complete, as both processes can go on at once.

A series of comparisons made at Abbassia between July 11th and August 31st, 1900, will serve as an example. The bridge was shunted to give a scale of about 0.7 cm. to each 1° . Higher sensitiveness would not have been convenient though it was found easy to attain it. The platinum thermometer No. 217 was used in conjunction with recorder No. 18. The mercurial thermometer was made by Fuess, No. 2035, and was corrected by its certificate, Reichsanstalt No. 12050. The further precaution of verifying the ice point was taken. The exposure was in a large louvered screen some what resembling the Pawlowsk model. The rigorous method of formulation would no doubt be to assume that the temperature t was given by some such expression as $t = c + ax + bx^2$ where x is the ordinate on the chart, and then to find the appropriate values of the constants by the method of least squares. As a simpler and apparently quite accurate method the following is given. The first 110 observations were plotted on a large sheet of section paper with "mercurial temperature" and " x in millimetres" as the coordinates. A straight line whose equation was $t = 14^{\circ}30' + 1.405x$ was found to represent them very well without the necessity of using higher powers of x , at any rate over the range of temperature experienced. All the observations to the number of 260 were then used to correct this formula. It was found that the mean of all deviations from this formula was $.05^{\circ}\text{C.}$, and that accordingly the equation $t = 14^{\circ}25' + 1.405x$ would suit them slightly better. The discussion of the concordance between this formula and observation is postponed till III.

INDEPENDENT STANDARDIZATION.

The temperatures obtained when the standardization is carried out with mercurial thermometers are only standard ones if the mercurial temperatures are such. To many it will appear desirable to avoid this element of uncertainty, and it will therefore be shewn that a recorder can be independently standardized in ice and steam and then will have a much greater range than a standard mercurial thermometer of comparable sensitiveness.

The steps necessary are (1) calibration of bridge wire ; (2) determination of value of each plug in terms of the mean millimetre of bridge wire ; (3) resistance of thermometer in ice and steam ; (4) if a high standard of accuracy is aimed at, determination of one other temperature, *e.g.* boiling point of aniline. This last observation is required in order to correct for the divergences between the platinum scale and air scale. This divergence is not exactly the same for different samples of platinum, but the thermometers now produced are of such uniform quality that we should scarcely err by $0^{\circ}01$ C. in assuming the corrections in Table (p. 49) calculated for an average sample and ordinary temperatures.

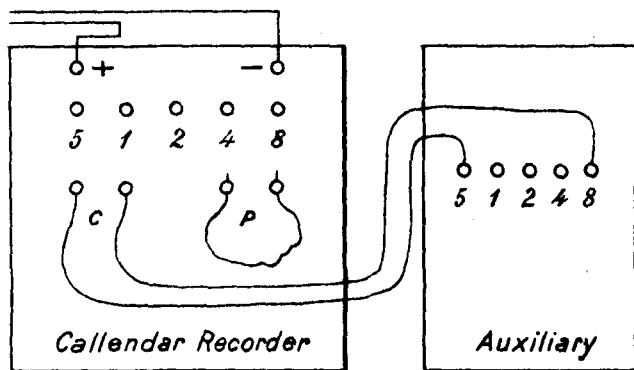
OUTFIT NECESSARY FOR STANDARDIZATION.

No costly outfit is necessary with the possible exception of a barometer. Any barometer, however, of ordinary merit will suffice to keep the errors of standardization below $0^{\circ}01$ C. Besides the barometer we need some means of roughly making up a resistance, *e.g.*, a rheostat, resistance box, or a second Callendar recorder. Accuracy in this auxiliary resistance is not required. Finally a vessel for ice and a hypsometer are necessary.

OPERATIONS CONNECTED WITH THE STANDARDIZATION.

(a)—*Calibration.*—Use no additional shunt in the bridge wire, start the driving clock so that the pen traces a straight line. Connect up as in the diagram.

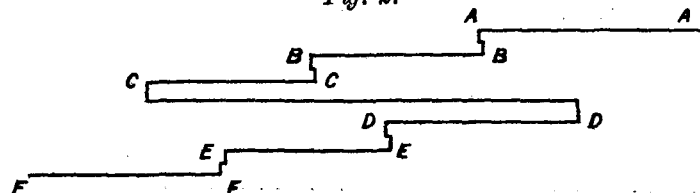
Fig. 1.



Insert in P a resistance of about 9 ohms so that the pen will be in the middle of the chart when 9 ohms are taken out of the box. The effect of the connections shewn is that the 9 ohms can be made up either entirely within the recorder or partly in the auxiliary. Take now 8 ohms only out of the recorder, and none out of the auxiliary and the pen will travel towards the right-hand end of the drum. Take 0.5 more out of the recorder and the pen will move towards the middle, traversing about $\frac{1}{4}$ the length of the paper. Cut off the current and make up the 8.5 ohms differently, *e.g.*, use 8 in the recorder and 5 in the auxiliary. Turn on the current. If the two methods of making up the 8.5 differ appreciably there is a small movement of the pen. Now take 0.5 out of the recorder, making 9 in all, and the pen moves over another quarter of the paper. The two excursions (AA and BB of Fig. 2) are only equal if the wire is free from irregularities of calibre. If the scheme below is followed out we get a record similar to the one in Fig. 2.

Resistance in Callendar.		Resistance in Auxiliary.
8		0
8	+ .5	0
8		0.5
8	+ .5	0.5
8		1.0
8	+ .5	1.0
8		0.25
8	+ .5	0.25
8		0.75
8	+ .5	0.75
8		1.25
8	+ .6	1.25

Fig. 2.



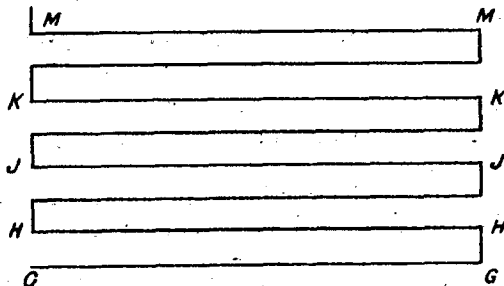
This trace contains all that is required for calibration of the bridge wire as will be seen.

(b)—*Verification of Coils.*—It will be advisable first to double the scale of the bridge wire (see I). Follow then the scheme below.

Resistance in Recorder.	Resistance in Auxiliaries.
8.0	1
7.5	1
4.0	5
3.5	5
2.0	7
1.5	7
1.0	8
.5	8
.0	9

The pen will move as in fig. 3.

Fig. 3.



(c)—*Interpretation of Standardization Curves.*—To explain the way in which the reduction of these traces is performed an example with recorder No. 17 and thermometer No. 265 will be useful.

In fig. 2. there were found.

		Actual mm.	Ratio Mean actual.
AA	=	49.3	1.0043
DD	=	49.4	1.0031
BB	=	49.6	.9990
EE	=	49.7	.9970
CC	=	49.7	.9970
FF	=	49.6	.9990
		<u>49.55 Mean.</u>	

A diagram is now constructed on squared paper, abscissae being the middle points of AA DD., etc. ordinates the ratios 1.0043 1.0031, etc. The middle of the bridge wire is taken as origin and a smooth curve drawn through the points thus determined, the curve is then integrated outwards from the middle point of the bridge wire, so that any displacement of the pen in actual mm. can be read off in mean mm. (or when we know the right factor, in degrees platinum.) It will be best to retain only the amount by which this integral differs from the one obtained on the assumption that the wire is smooth, and to express this difference in degrees platinum. That is (to put this statement in symbols) we retain $dt/dR (\int_0^x R dx - R_0 x)$ where x is distance from the centre of bridge wire R_0 the resistance of the average millimetre of bridge wire, R the resistance of a millimetre at a distance x from the origin, dt/dR the coefficient for converting differences of resistance into those of platinum temperature, which, as will be seen later, is $100/528.7$ for the given thermometer.

TABLE OF CALIBRATION CORRECTIONS.

Range		° .00 platinum.
0 to -20		
0 to -45		-.02
0		
0 to -75		-.04
0 to +30		-.02
0 to +55		-.03
0 to +80		-.04

These corrections are directly applicable to the final result. The peculiarity that they are all negative arises from the fact that the wire increased in specific resistance in the direction of descending temperatures. The negative values obtaining for a uniform wire to the left of its middle point are thereby augmented, and the positive ones to the right are diminished.

Turning next to the coil errors all the excursions in fig. 3 were made over the same part of the bridge wire whose actual millimetres were each equivalent to 997 of the mean. The measurements of the lines gave.—

GG = 73.3 actual mm.

HH = 73.3 "

TT = 74.0 "

KK = 75.7 "

MM = 75.3 "

but GG is equivalent to the plug 0.5, HH to the excess of 1.0 over 0.5, TT 2.0 over 1.5, etc.

	Nominal Ohms.	Actual mm.	Mean mm.
Hence	0.5	= 73.3	or 73.1
	1.0	= 73.3	
		+ 73.3	
		<hr/> 146.6	
	2.0	= 74.0	
		+ 146.6	
		+ 73.3	
		<hr/> 293.9	293.1
	4.0	= 75.0	
		+ 293.9	
		146.6	
		73.3	
		<hr/> 589.5	587.8
	8.0	= 75.3	
		589.5	
		293.9	
		146.6	
		73.3	
		<hr/> 1178.6	

EXAMPLE OF STANDARDIZATION IN ICE AND STEAM.—In the case of the same thermometer there were found.—

(In ice) plugs	8.0	1175.3
	1.0	146.2
	0.5	73.1
	<hr/> 9.5	<hr/> 1394.6
bridge — 11.0		— 11.0
		<hr/> 1385.6
(In steam at 99°.87) plugs	8.0	1175.3
	4.0	587.8
	1.0	146.2
bridge + 3.0 mm.		3.0
		<hr/> 1912.3

The bridge readings being taken as before from the automatic record.

CALCULATION OF PLATINUM TEMPERATURES.

With the help of the foregoing, platinum temperatures may be calculated by the formula:

$$t = (x - 1383.6) 99°.87 / (1912.3 - 1383.6)$$

in which x is the total resistance expressed in mean mm. of bridge wire.

It will be simplest to prepare a chart with co-ordinates distance from "Centre of bridge" and platinum "temperature"; its slope will be 99°.87/528.7 per mm.

On the corner of the chart are written the value of the plug combinations in platinum scale to air scale, and the calibration corrections.

For the plugs the entries would be—

8	ohms 60°.66 — 100° (thus written to avoid subtraction.)
4	111°.03
2	55°.37
1	27°.67
0.5	13°.81

The absolute platinum temperature of melting ice, which for this instrument was $261^{\circ}\cdot36$, has been subtracted in the above from the 8 ohm temperature, since this plug occurs in every combination above 0° .

REDUCTION TO AIR SCALE.

The corrections for passing from the platinum to the air scale depend to a small extent to the sample of platinum employed. Between 0° and 100° , and using the quality of platinum supplied with the best modern thermometers, the variation in this correction is very small and is on the average as follows.

The table is calculated for a sample of platinum which in the notation of Callendar has its δ constant equal to $1\cdot54$ (see Phil. Trans. Roy. Soc. A. 1887.)

Platinum temperature.	Reduction.	Platinum temperature.	Reduction.
0	0.0	60	0.37
10	0.14	70	0.32
20	0.26	80	0.25
30	0.32	90	0.15
40	0.37	100	0.
50	0.38		

The deviations from this table for individual platitudes would for ordinary purposes be quite negligible. The exact value can of course be obtained by observing a boiling point in aniline.

An example of a complete reduction is here given.

Plugs 8,1, 0.5 b.w. + 20 mm. required temperature.

8	$60^{\circ}\cdot66 - 100$
1	$27\cdot67$
0.5	$13\cdot81$
10 mm.	$1\cdot89$
Calibration	$0\cdot02$
	$04\cdot05$
Reduction to air scale	$0\cdot07$
	<u>$03^{\circ}\cdot08$</u>

In Meteorological work we should rarely have to vary any of these terms except the one depending on the number of millimetres of bridge wire.

III.

Tests of the Instruments' Performance.

The best test is to examine the residuals "calculated temperature minus mercurial temperature" and see how they vary (1) from sheet to sheet or day to day; (2) from hour to hour; (3) from temperature to temperature. For this purpose the series of comparisons referred to in II between platinum thermometer 217 and mercurial 2035, will be used.

INFLUENCE OF CHANGING THE SHEET.

Table I shews the values (for thermometer No. 217) of the mean of the thirteen residuals obtained each day. Each day a new sheet was used, and the calculation was made with the same formula throughout.

Table I.

	Des. C.		Des. C.		Des. C.
July	11 + .07	July	26 .00	Aug.	27 + .10
	12 - .10		27 + .10		28 .00
	13 - .03		28 + .03		29 - .05
	14 - .05		29 + .02		30 - .02
	15 + .03		30 - .03		31 + .02
	16 + .01	Aug.	17 - .02	Sept.	1 .00
	17 + .01		18 - .08		2 .00
	18 + .03		19 - .05		3 - .05
	19 + .01		20 + .05		4 .00
	20 - .01		21 + .05		5 + .05
	21 - .05		22 .00		6 - .05
	22 - .02		23 + .07		7 - .03
	23 - .01		24 + .05		8 + .02
	24 - .07		25 - .02		9 .00
	25 - .12		26 - .05		

From August 17th the instrument was used as a wet bulb; between July 30th and August 17th experiments were being made on the best method of continuously wetting the thermometer. The mean condition of the instrument is evidently very constant from day to day.

INFLUENCE OF THE HOUR OF THE DAY.

Table II shews the mean value of the residual at the various hours of observation as compared with the standard mercurial thermometer above referred to. (*See p. 2.*)

Table II gives the mean residuals for July. In August the controls were reduced to three a day. They are not therefore treated in Tables II and III.

Table II:

10 a.m. — 17	4 p.m. 00
11 a.m. — 17	5 p.m. + 02
12 noon — 15	6 p.m. + 09
1 p.m. — 05	7 p.m. + 12
2 p.m. — 06	8 p.m. + 21
3 p.m. + 02	9 p.m. + 13

An interesting regularity is clearly shewn. Before deciding the cause of it, it should be remarked that the temperature of the air has about equal values at the following pairs of hours 8 p.m. 10 a.m. 7 p.m., 11 a.m., etc. The regularity is not then due to influence of temperature. It is not probable that changes were going on in the instrument owing to the great constancy shewn in Table I. The effect is, moreover, zero at the time of maximum temperature which in July occurs between 3 and 4 p.m. This makes it almost certain that there is a definite lag of the mercurial thermometer behind the platinum, the sign of the residual agreeing with this assumption.

In this discussion the thermometer referred to was standardized by the second method, that of comparison with a mercurial, and a word must be added about the performance of No. 265 which was standardized in ice and steam. The following residuals were obtained for "formula—mercury,"

the formula being this time the one deduced from ice and steam fully corrected.

Table IV:

September 11	00
12	— 02
13	— 03
14	+ 02
15	+ 05

INFLUENCE OF TEMPERATURE.

This is exhibited in Table III:—

Temperature.	Mean residual.	Observations.
36° — 40°	0·00	9
32° — 36°	+ ·03	65
28° — 32°	— ·02	42
24° — 28°	·00	42
16° — 20°	— ·01	30

IV.

Conclusions.

The above note seems to establish that—

- 1.—The recorder may easily attain a sensitiveness of about 0·7 cm. to 1° C. which is as great as is desirable in meteorology.
- 2.—At this sensitiveness the instrumental constants are free from charge.
- 3.—A linear formula is suitable for reduction over a range of 20°.
- 4.—It is desirable to standardize independently of any mercurial thermometer, and the instrument may readily be made to record its own standardization on the revolving drum and afterwards discussed at leisure.

It is doubtful if any other recorder can be standardized absolutely and once for all in ice and steam.

Table IV shews that thermometer 265 reduced by the ice and steam method agrees practically exactly with one whose greatest (unknown) error cannot be supposed to exceed $0^{\circ}\cdot 1$ C. This shews the applicability of the method to give air temperatures to within that. A nearer approximation to the absolute error can hardly be obtained by the method of verification. But the writer maintains that there is nothing in the processes described which should make the results unreliable (*as standard results*) to within $0^{\circ}\cdot 05$ C.

5.—The platinum thermometer of the recorder appears to take up changing air temperatures more rapidly than the mercurial.

6.—Following the experience of many physicists the probable error of the temperature of the air given by the recorder has not been deduced by the method of least squares from the residuals in Table I. In their opinion such a result is often illusory in a case of this kind. On the other hand there is, it is thought, strong evidence that the temperatures obtained will be reliable relatively to the comparison thermometer to within $\cdot 03$ C. The writer is also convinced that this limit could be surpassed by increasing the openness of the scale since this error is practically but little more than that of measuring the ordinates.

APPENDIX III. ON THE LATITUDE OF THE OBSERVATORY.

On previous bulletins the latitude printed is $30^{\circ} 4' 40''$ and the number found in the American Nautical Almanac is $30^{\circ} 4' 38''.2$ but it has not been found possible to trace either of the sources. The result here found

viz, $30^{\circ} 4' 35''.83$ was arrived at by using the transit instrument as a Talcott zenith telescope and measuring micrometrically the difference of zenith distance of pairs of stars. The table below will explain itself.

Latitude of Abbassia.

Observer B. H. WADE.

$$\delta_1 + \delta_2 + K (m' - m) + l_n - l_s + f (m' - m) = 2\varphi$$

reduction factor of micrometer = $K = 112''.50$ per turn.
 $l_n - l_s$ = level correction.
 $f (m' - m)$ = correction for differential refraction.
 Reduction to meridian was throughout negligible.

DATE		$\delta_1 + \delta_2 - 2\varphi$	$(m' - m) 112.50$	$l_n - l_s$	$f (m' - m)$	$30^{\circ} 4' 30'' +$	v	vv
April 25th, 1900	α Bootis ...	18' 46".98	-19' 36".5	-0.7	-.34	+1".55	1.28	1.638
	β Bootis ...							
	f Bootis ...	17' 12".08	-17' 59".6	-0.7	-.27	5".63	.20	.040
	β Bootis ...							
	θ Ursae majoris	29' 8".92	-29' 56".5	-0	-.37	5".64	.19	.038
" 26th, "	π Leonis...	25' 28".10	-26' 19".0	+1.0	-.54	4".51	1.32	1.730
	l Virginis ...							
	n Ursae majoris	17' 12".50	-18' 00".6	0	-.27	5".68	.15	.023
	f Bootis ...							
	β Bootis ...	13' 28".90	-14' 14".5	-0.5	-.24	6".71	.88	.704
	β Herculis ...							
	γ Lyrae ...	0' 22".90	- 10".3	+1.2	0	6".90	1.07	1.150
	i Ursae majoris							
	ϵ Leonis ...	25' 28".06	-26' 14".7	0	-.54	6".14	.31	.096
	l Virginis ...							
" 27th, "	n Ursae majoris	18' 47".82	-19' 34".3	0	-.34	6".41	.58	.035
	α Bootis ...							
	β Bootis ...	17' 12".92	-18' 00".5	0	-.27	6".16	.33	.043
	f Bootis ...							
	β Bootis ...							

$l = \sqrt{\frac{4.919}{y}} = .73$
 probable error of single observation = $\pm''.49$
 probable error of arithmetic mean = $\pm''.15$
 $[vv] 4.919$
 $\varphi = 30^{\circ} 4' 35''.83 \pm 0''.15$

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

January, 1900.

Height above ground, 2 metres.

DATE	HOURS OF OBSERVATION.																								REMARKS.	
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.		MEAN
1	11.6	11.8	12.0	12.1	12.7	13.3	13.4	13.6	16.1	16.7	17.5	18.8	18.8	18.8	18.2	17.6	16.2	15.0	13.5	12.2	12.0	11.3	10.8	10.2	14.39	
2	8.8	9.0	9.2	9.4	9.3	9.0	9.0	9.0	11.2	14.6	16.0	18.1	18.4	18.6	18.4	18.3	17.0	15.5	14.1	12.7	12.0	11.6	11.3	11.0	12.89	
3	9.1	9.3	9.2	9.1	9.0	8.5	9.0	9.7	12.4	15.3	16.5	17.3	18.0	18.5	18.2	18.0	16.1	15.6	14.9	14.3	13.4	12.8	13.0	13.4	13.38	
4	12.6	12.6	12.7	12.8	12.9	13.0	13.6	13.8	14.9	15.7	16.7	17.4	17.7	18.0	18.0	17.4	16.2	15.8	14.0	13.1	13.0	12.9	12.2	11.9	14.48	
5	10.6	10.2	9.8	9.4	9.0	8.4	8.4	8.2	12.2	15.8	17.4	19.0	19.2	19.4	19.2	19.0	17.1	16.7	15.0	13.5	13.1	12.8	12.4	11.7	13.69	
6	10.4	9.8	9.0	7.9	7.2	6.4	6.0	5.0	8.5	11.4	15.2	19.1	20.8	22.5	22.2	22.0	19.8	17.4	15.5	14.1	12.8	11.3	11.5	11.4	13.19	
7	8.6	8.4	8.2	7.6	7.0	6.1	6.6	7.7	10.9	14.3	16.5	18.8	20.0	21.0	21.0	21.0	19.0	16.9	15.4	14.3	13.2	12.3	12.0	11.8	13.40	
8	12.6	12.3	12.0	9.6	9.5	9.4	10.1	10.8	14.6	18.4	19.0	19.5	20.6	21.4	21.0	20.6	20.1	19.1	18.3	17.1	16.5	16.0	15.2	14.7	15.64	
9	15.0	14.4	14.4	14.5	14.2	13.9	14.3	15.0	16.1	17.0	18.4	18.9	20.0	20.2	20.0	19.6	17.8	15.9	15.0	14.0	13.1	12.4	12.2	11.9	15.67	
10	11.3	11.3	11.6	11.7	11.1	9.9	10.4	11.8	13.5	15.4	16.6	17.4	18.3	19.1	18.7	18.5	17.1	16.0	14.3	12.1	12.0	11.6	11.3	10.8	13.92	
11	10.8	10.5	10.6	10.7	10.8	9.3	10.0	10.2	11.8	13.4	14.4	15.4	16.6	17.5	17.6	17.9	16.8	15.7	14.0	12.9	12.0	11.2	10.8	10.5	12.93	
12	10.8	10.5	10.5	10.6	10.0	9.5	10.1	10.8	13.7	15.6	16.2	16.8	17.1	17.5	17.0	16.7	15.4	14.7	13.8	12.5	10.9	9.2	8.2	7.3	12.79	
13	7.0	6.5	6.2	6.0	5.5	4.5	5.1	5.9	9.2	13.5	15.0	16.8	17.5	18.2	17.9	17.6	15.8	13.8	13.0	12.0	10.7	9.2	9.2	9.3	11.10	
14	7.0	6.5	6.0	5.1	4.1	3.2	4.0	4.6	8.6	12.4	14.8	16.4	16.9	17.3	17.1	17.0	15.5	14.0	13.0	11.9	12.1	11.9	10.0	8.7	10.75	
15	9.4	8.6	7.0	5.4	5.0	4.9	6.0	7.3	10.3	13.3	15.7	17.9	17.6	17.2	17.1	17.0	15.0	13.4	12.5	11.4	10.7	9.8	9.2	8.7	11.23	
16	9.6	9.0	7.5	6.4	6.2	6.1	6.5	6.8	9.2	12.2	13.8	14.8	15.2	16.4	16.2	15.3	13.2	12.2	11.0	10.5	9.5	7.9	7.4	6.1	10.29	
17	6.0	5.4	5.0	4.4	4.3	4.3	5.3	6.3	9.6	13.5	14.3	16.1	16.7	17.3	17.0	16.6	13.5	12.9	12.1	11.3	11.0	10.6	10.0	9.6	10.52	
18	9.8	9.6	9.6	9.6	9.7	9.8	9.7	9.7	10.7	11.8	13.6	15.8	16.4	17.1	17.0	17.0	15.8	14.6	14.0	13.5	12.1	10.7	10.1	9.7	12.44	
19	8.8	8.4	8.0	7.8	7.7	7.4	7.9	8.3	10.0	11.7	13.2	14.8	15.3	15.1	14.7	14.3	13.4	12.9	13.1	12.9	12.1	11.5	10.2	9.2	11.19	
20	7.8	7.4	7.4	7.4	7.9	6.3	6.4	6.2	10.8	15.4	17.2	18.6	19.0	19.6	19.5	19.5	18.0	16.4	15.1	13.6	13.3	13.2	11.3	9.0	12.76	
21	8.4	7.9	7.2	6.8	6.5	6.3	6.6	7.0	11.2	15.0	17.6	20.3	21.5	22.7	22.0	21.9	20.7	19.5	19.1	18.8	18.1	17.6	17.4	17.5	15.27	
22	16.0	15.8	15.6	15.5	15.0	14.6	14.9	15.2	14.6	13.8	12.0	11.7	11.0	10.4	10.1	10.0	10.0	10.3	10.5	10.7	10.2	10.0	9.7	9.4	12.36	
23	9.0	8.6	8.0	7.5	7.1	6.8	6.6	6.4	8.0	9.3	11.0	12.3	13.2	14.3	15.0	15.3	15.0	14.1	13.4	12.9	12.7	12.2	11.8	11.3	10.92	
24	11.0	10.6	10.7	10.3	10.3	10.4	10.3	10.2	11.6	13.2	14.1	15.0	16.0	16.8	16.6	16.6	15.9	15.2	14.6	14.1	13.0	12.1	11.0	10.1	12.77	
25	10.0	9.0	8.8	8.7	8.8	8.8	9.3	9.9	11.7	13.6	15.0	16.6	16.2	16.3	16.7	17.0	16.2	15.4	14.0	12.5	11.8	11.0	10.9	10.8	12.55	
26	9.7	8.9	8.2	7.7	7.7	7.7	7.5	7.4	11.2	15.5	15.8	16.2	16.7	17.3	16.8	16.2	15.0	14.0	12.1	10.5	10.5	10.7	11.2	11.5	12.98	
27	10.2	9.4	9.3	9.2	8.6	7.9	9.1	10.0	13.5	17.2	17.4	17.5	18.0	18.3	18.0	17.3	15.9	14.8	14.0	13.0	13.3	14.0	14.0	13.8	13.53	
28	13.6	12.9	12.2	11.9	11.3	10.8	11.0	11.1	12.8	14.4	15.0	15.7	16.0	16.5	16.0	15.5	14.4	13.4	12.2	11.0	10.7	10.5	10.1	9.9	12.88	
29	9.4	8.8	8.1	7.5	7.8	6.3	7.0	7.9	11.7	15.9	16.3	17.3	17.2	17.0	17.2	17.5	16.4	15.3	13.7	12.4	11.4	10.3	10.0	9.7	12.14	
30	10.2	9.7	7.4	5.4	4.0	4.2	5.0	5.6	9.5	13.6	16.1	18.7	20.2	21.9	21.4	21.1	18.0	16.5	15.3	14.2	12.4	10.5	9.9	9.4	12.52	
31	8.1	7.3	6.3	5.8	6.8	8.0	7.7	7.4	9.3	9.1	11.0	13.9	15.9	18.0	18.6	18.6	17.0	15.8	14.4	13.1	12.1	11.0	9.3	8.8	11.37	
Mean	10.10	9.63	9.28	8.83	8.61	8.22	8.60	8.99	11.56	14.13	15.46	16.87	17.48	18.07	17.88	17.64	16.23	15.12	14.06	13.00	12.31	11.61	11.08	10.61	12.75	

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

February, 1900.

Height above ground, 2 metres.

DATE	HOURS OF OBSERVATION.																								REMARKS.		
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.		MEAN	
1	8.3	9.3	9.5	9.5	9.5	9.5	8.8	9.8	11.2	12.2	13.8	16.3	17.4	19.4	20.1	20.6	18.2	16.2	15.1	14.1	12.8	11.7	11.6	11.6	13.18		
2	11.6	11.6	11.6	11.9	12.1	11.9	11.4	12.4	14.1	14.8	17.3	18.9	20.6	21.9	21.5	21.5	20.2	19.1	17.6	16.5	15.8	15.0	15.0	14.7	15.62		
3	13.8	13.3	13.3	11.9	10.9	10.7	9.4	9.5	9.5	12.0	15.0	17.4	19.2	19.4	20.4	20.7	20.2	19.6	18.4	17.2	16.4	14.6	12.1	11.8	12.0	14.95	
4	12.2	11.5	10.8	9.8	9.9	9.7	9.6	10.8	13.4	16.4	18.7	19.2	19.6	20.3	19.4	19.0	17.5	16.0	14.6	13.8	13.0	12.7	12.8	12.8	14.14		
5	12.3	11.9	12.1	12.1	12.0	12.0	12.1	13.1	14.5	16.7	18.3	19.8	13.3	19.9	19.2	19.0	18.8	17.4	15.5	14.3	14.5	13.9	13.2	12.3	15.18		
6	11.6	10.9	11.1	12.1	13.9	13.3	14.3	15.3	16.9	18.1	19.3	20.0	20.3	19.3	19.4	18.4	16.6	15.5	15.0	14.3	13.6	13.5	13.5	13.5	15.44		
7	13.3	13.1	13.3	12.8	12.2	12.2	12.0	13.0	15.6	16.6	17.9	18.4	18.8	19.5	19.0	19.0	17.7	16.3	15.5	15.0	14.3	13.4	13.2	12.9	15.29		
8	12.6	12.3	12.3	12.0	11.9	11.7	11.7	12.2	14.3	15.3	18.0	18.5	18.7	19.0	18.7	18.7	17.7	16.7	15.9	15.3	14.5	14.0	13.6	13.1	14.94		
9	11.7	11.0	10.2	9.9	9.5	9.3	9.6	7.6	10.5	15.5	18.7	19.7	20.7	21.2	20.4	19.6	19.4	17.4	16.2	15.5	14.4	13.6	14.3	14.3	14.43		
10	11.4	10.7	10.3	10.0	9.4	9.4	9.0	10.0	14.6	20.2	23.7	23.7	23.4	24.4	23.6	23.1	22.3	20.8	18.8	17.5	16.2	15.2	14.3	12.8	16.43		
11	11.4	11.9	10.8	9.8	9.6	9.6	8.9	11.4	15.6	18.9	22.2	22.8	23.8	24.4	23.4	23.4	22.2	20.2	19.3	18.9	19.9	18.9	18.7	17.3	17.27		
12	13.5	14.5	12.9	12.0	13.7	13.7	12.6	13.6	13.8	14.5	16.4	16.8	17.5	18.0	17.4	17.0	16.5	15.5	14.2	13.2	13.2	13.2	12.9	12.1	14.55		
13	11.8	12.1	11.6	11.6	11.2	11.2	11.4	12.4	12.0	14.7	17.4	18.7	19.1	19.6	18.9	17.6	17.5	16.7	15.9	15.5	14.7	14.4	14.1	14.1	14.78		
14	14.4	14.4	14.5	14.7	14.5	13.6	13.4	14.4	14.5	14.5	17.2	18.6	20.9	20.9	20.8	21.1	21.3	20.4	19.6	19.1	16.4	15.8	14.8	14.1	16.83		
15	14.1	13.3	13.0	13.0	12.6	12.6	13.4	14.4	16.4	17.9	19.9	21.8	23.1	23.9	23.3	23.3	23.1	22.4	21.5	21.5	21.1	20.1	17.7	17.9	18.40		
16	16.4	15.8	13.0	14.3	13.2	12.4	12.5	13.4	15.4	15.4	16.0	18.3	18.2	18.8	19.2	18.0	18.2	18.2	17.2	17.2	16.5	16.5	15.9	15.3	16.05		
17	14.6	14.6	14.5	14.5	14.5	14.5	12.2	13.2	14.8	16.2	17.7	19.2	20.0	20.0	18.9	18.1	17.5	16.8	15.8	15.1	14.0	13.8	12.9	12.7	15.67		
18	11.9	12.2	12.1	11.8	11.8	12.1	12.4	13.4	15.5	16.9	17.5	19.3	20.5	20.9	20.4	20.4	19.5	19.5	18.5	18.5	18.0	18.0	18.1	18.3	16.67		
19	18.9	19.6	18.6	18.6	18.6	18.6	18.0	17.0	17.2	19.2	19.9	21.3	20.7	20.7	20.5	20.3	19.4	19.0	19.0	18.6	18.0	17.2	16.8	16.4	18.61		
20	15.7	15.4	14.9	14.6	14.4	14.0	13.6	13.6	14.9	15.9	16.2	18.0	17.5	18.5	18.3	17.9	17.8	16.5	15.2	14.2	14.2	13.3	13.0	12.5	15.37		
21	12.2	12.0	11.5	11.5	11.6	11.3	12.0	13.0	16.2	17.7	19.2	20.4	22.4	22.4	22.4	22.4	21.7	20.5	19.1	18.7	18.0	17.2	16.5	15.4	16.87		
22	14.6	14.2	13.8	14.2	12.2	11.2	10.3	12.8	16.3	18.5	19.8	22.8	22.8	23.6	23.0	22.8	22.1	21.1	21.1	21.0	21.6	21.9	21.9	21.9	18.68		
23	21.5	20.9	18.7	16.9	16.2	15.2	12.4	13.4	14.5	16.1	17.8	18.8	18.3	18.8	18.3	17.9	16.6	14.3	13.2	13.2	13.4	13.0	12.5	12.3	16.44		
24	11.8	11.6	11.3	11.3	10.3	10.1	9.6	10.6	12.5	12.8	13.2	15.2	14.7	14.7	15.7	13.3	13.2	12.7	13.1	11.7	12.1	11.3	11.3	11.1	12.24		
25	10.9	10.9	10.5	10.1	10.2	10.2	11.3	12.3	12.6	12.6	13.6	14.7	12.0	12.5	13.7	13.7	13.8	13.8	13.0	13.0	12.5	12.5	12.6	12.3	12.75		
26	11.9	11.9	12.4	12.4	11.9	11.9	10.5	10.7	11.7	13.9	12.5	14.3	15.4	16.1	16.1	15.2	13.1	12.5	12.0	11.8	12.0	11.8	11.3	10.9	12.38		
27	10.6	10.4	9.8	9.5	9.4	9.4	10.2	11.2	13.1	14.1	15.2	14.9	14.6	15.9	15.6	16.3	14.5	13.7	13.1	13.0	12.2	11.5	11.4	11.2	12.64		
28	10.8	10.8	10.2	10.4	10.5	10.9	9.9	12.3	11.0	14.0	14.8	16.8	18.2	18.2	15.6	16.0	16.3	16.1	14.8	14.8	13.3	12.7	11.9	11.9	13.47		
Mean	13.08	12.93	12.39	12.22	12.05	11.79	11.35	12.39	14.11	15.88	17.49	18.80	19.00	19.76	19.41	19.06	18.30	17.28	16.34	15.80	15.20	14.58	14.20	13.85	15.32		

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

March, 1900.

Height above ground, 2 metres.

DATE	HOURS OF OBSERVATION.																									REMARKS.
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	11.2	10.9	10.5	9.5	9.6	11.2	11.2	12.9	14.1	15.3	17.3	18.7	20.8	21.1	21.5	21.5	20.7	19.7	18.7	18.4	18.3	18.3	18.2	17.8	16.17	
2	15.0	15.3	14.9	14.9	14.8	14.8	15.5	16.5	18.2	19.0	20.7	22.1	23.9	24.3	24.9	25.7	24.7	23.4	22.3	21.8	21.7	21.4	15.6	15.6	19.52	
3	18.6	18.2	17.4	17.4	14.4	14.4	15.3	16.8	21.3	23.8	25.7	27.0	26.9	27.0	27.1	26.6	25.6	23.6	22.5	22.5	25.1	21.8	21.4	21.4	21.71	
4	19.8	19.8	14.2	15.5	15.9	18.1	20.0	20.0	22.1	23.4	25.4	26.8	27.9	28.2	28.2	27.8	26.6	25.6	24.5	24.5	24.4	25.0	25.4	25.9	23.23	
5	25.7	21.2	20.7	20.7	20.0	14.4	15.2	16.5	17.2	18.4	19.3	20.3	24.7	24.7	21.2	20.6	20.3	17.0	14.7	13.5	13.5	13.3	12.8	12.8	17.21	
6	11.6	10.9	10.2	9.8	9.8	9.8	9.7	11.2	15.9	17.0	[17.27]	(25.3)* (9.5)*
7	[22.67]	(29.6)* (12.5)*
8	[17.27]	(29.5)* (12.5)*
9	13.6	13.5	13.4	13.2	12.7	12.2	13.2	14.9	16.1	17.6	18.8	18.8	18.7	18.7	17.6	17.2	16.3	15.2	15.4	14.9	14.5	14.1	13.6	12.6	15.26	
10	13.0	12.5	11.8	12.0	11.9	11.9	12.2	13.2	13.1	13.1	14.5	14.7	15.0	15.4	14.6	14.7	14.7	14.2	13.4	12.1	11.2	11.2	11.2	11.2	13.08	
11	11.1	10.8	9.8	9.1	9.6	11.2	12.9	14.7	16.3	16.9	19.1	19.1	18.7	18.7	18.4	16.9	18.2	16.5	13.0	12.2	10.4	8.9	9.5	9.5	13.77	
12	8.5	8.7	9.3	9.5	9.6	9.9	9.0	10.5	13.3	14.7	15.9	15.9	15.7	16.7	16.1	15.9	15.5	12.8	11.9	11.2	10.5	9.8	9.2	9.2	12.07	
13	9.3	8.7	8.1	7.3	8.3	8.8	10.1	10.4	13.2	14.4	14.9	16.1	18.0	17.0	17.8	17.8	15.9	14.9	13.5	12.2	11.4	11.1	11.9	11.9	12.58	
14	11.0	10.4	10.2	9.9	10.1	10.1	10.9	12.0	14.2	16.4	18.6	18.6	20.1	20.1	20.9	19.9	19.4	18.4	16.0	15.2	15.1	13.1	12.8	12.8	14.84	(21.5)* (7.6)*
15	13.1	11.5	10.6	8.6	8.8	8.8	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	[16.00]
16	..	16.0	..	15.3	..	14.6	15.9	16.9	18.5	19.5	22.3	23.3	24.6	24.6	31.0	23.0	20.4	18.4	16.1	14.4	12.9	12.9	12.9	12.9	17.65	
17	11.8	11.1	10.3	9.7	8.8	8.9	11.2	13.4	14.2	15.4	16.8	17.4	18.7	18.7	19.0	18.4	18.0	17.1	14.7	13.6	12.5	12.3	9.7	9.5	13.79	
18	9.3	8.7	8.7	8.7	7.0	7.9	7.5	10.7	16.4	19.0	22.2	23.3	23.7	23.0	22.4	22.7	22.4	21.6	20.8	19.8	15.0	15.0	11.3	9.7	15.84	
19	9.3	9.3	7.6	7.6	7.3	6.5	9.0	12.6	16.8	20.8	23.6	25.4	26.4	26.4	26.4	26.4	25.3	24.3	20.5	20.1	20.4	18.9	19.4	19.1	17.93	(27.0)* (8.8)*
20	18.7	14.7	14.5	14.0	14.1	13.8	13.7	15.4	17.8	18.8	20.8	20.9	22.0	22.0	22.0	21.8	19.9	18.3	15.3	13.5	12.9	12.9	13.0	12.3	16.78	
21	11.6	11.8	10.0	10.9	10.7	10.7	11.8	13.8	15.9	17.1	19.0	20.0	20.1	20.1	20.4	20.1	19.1	17.1	15.0	13.2	12.2	11.6	10.9	10.6	14.85	
22	10.6	10.6	10.2	9.8	10.7	9.4	12.6	13.8	16.1	17.2	19.5	19.5	20.1	19.5	18.9	19.2	18.3	17.5	17.8	17.0	15.4	14.6	13.5	12.8	15.20	
23	11.9	11.9	7.0	9.4	8.9	8.9	16.1	17.8	19.5	20.5	21.6	21.6	22.2	22.2	22.0	22.0	21.0	21.0	18.5	17.5	16.7	15.7	14.3	13.3	16.90	
24	..	11.4	14.2	17.2	18.7	20.3	22.3	23.0	21.7	23.3	23.3	24.0	21.3	21.3	18.6	18.0	23.7	22.7	20.1	18.3	17.8	17.8	16.8	15.8	19.42	(25.6)* (7.0)*
25	12.7	13.9	11.5	10.8	10.5	10.5	13.7	15.4	21.9	23.4	24.8	25.6	26.8	27.3	26.8	25.8	25.4	24.7	23.8	23.3	23.1	22.1	20.6	19.6	20.25	
26	19.4	19.1	19.1	19.1	19.9	20.9	24.8	26.3	26.4	28.4	31.2	32.0	30.6	30.6	29.9	29.4	28.0	27.0	23.2	20.2	19.0	18.0	17.7	16.7	24.05	
27	14.8	14.2	13.8	13.5	12.2	12.8	14.9	16.8	20.0	23.0	26.7	27.0	27.6	27.6	26.9	26.6	26.7	24.3	23.1	21.6	20.2	19.4	17.4	15.6	20.20	
28	14.6	14.6	13.2	13.2	12.8	12.8	14.3	16.4	21.0	22.4	23.6	24.8	26.0	26.0	25.2	25.0	24.8	23.5	21.3	21.3	19.7	20.0	18.6	18.6	19.58	
29	19.1	18.6	18.8	19.1	14.7	15.2	18.9	20.2	24.0	25.8	28.2	29.0	30.8	31.5	30.2	31.2	24.6	27.6	24.3	25.0	19.5	22.0	23.6	24.0	24.15	
30	23.4	22.8	23.3	23.0	27.3	27.4	25.5	27.2	31.1	32.7	34.8	35.6	35.0	36.0	36.0	34.4	27.4	21.4	23.4	23.4	23.6	23.6	18.4	18.8	26.77	
31	18.3	17.8	16.7	16.3	13.6	13.6	17.5	19.5	22.0	23.2	25.9	27.2	28.7	30.6	31.0	31.0	26.0	27.2	20.6	22.6	15.0	17.0	17.4	18.4	22.03	
Mean	14.32	13.75	13.30	12.93	12.59	12.70	14.51	16.21	18.43	20.13	22.00	22.77	23.43	23.68	23.12	22.66	21.59	20.63	18.60	17.90	16.74	16.36	15.50	15.13	17.87	*Mercurial extreme temp.

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

April, 1900.

Height above ground, 2 metres.

DATE	HOURS OF OBSERVATION.																								REMARKS.	
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.			MEAN
1	..	19.8	..	21.2	..	22.6	..	18.6	..	25.0	..	33.0	34.1	33.9	32.1	30.4	30.4	28.9	28.0	25.1	23.9	22.4	21.3	22.4	28.51	(36.2)* (9.0)*
2	20.4	21.4	27.4	27.5	27.4	24.3	..	23.6	22.6	22.9	22.7	22.9	22.9	22.7	23.6	22.8	20.7	19.2	18.3	17.2	17.1	16.1	15.5	14.7	21.37	(25.2)* (18.0)*
3	14.6	14.2	14.5	15.0	15.1	15.6	..	16.4	17.0	18.6	20.5	21.4	22.5	22.2	23.0	22.4	22.7	20.8	19.1	16.8	15.8	14.0	13.8	12.3	17.11	(25.2)* (14.5)*
4	13.3	12.9	13.2	12.3	12.5	11.9	..	16.4	..	19.6	21.4	23.1	24.5	25.2	24.4	23.0	21.6	19.6	18.2	17.2	16.8	16.3	15.8	15.7	17.41	(27.0)* (12.0)*
5	15.7	15.3	15.4	15.3	15.4	15.6	..	17.2	18.3	18.0	18.6	19.4	20.8	22.2	23.3	22.3	20.7	20.1	18.7	18.0	17.9	18.0	18.0	17.5	17.95	(24.5)* (16.0)*
6	17.2	17.2	18.0	20.3	17.2	16.5	18.0	19.9	22.1	24.0	30.5	26.0	24.0	25.0	24.6	24.0	23.1	22.5	20.9	18.4	18.0	16.9	16.0	15.8	20.67	
7	15.3	16.1	13.1	15.6	13.1	15.6	15.5	19.8	21.8	26.9	30.0	32.4	35.1	35.8	33.4	35.6	35.3	32.9	29.0	27.7	24.6	23.1	21.0	20.2	24.66	
8	19.7	19.3	18.8	18.5	17.9	17.4	16.8	17.0	20.1	22.0	22.0	22.1	22.0	23.5	23.9	23.4	22.1	19.8	18.3	16.2	16.2	13.9	12.5	11.9	18.98	
9	11.7	11.2	10.6	10.4	10.3	10.5	12.7	16.6	18.1	20.5	22.4	24.6	26.1	26.7	27.3	26.6	26.4	24.3	21.3	18.9	17.3	16.0	15.6	11.9	18.25	
10	12.1	11.3	11.2	11.2	11.1	11.0	11.6	16.0	18.8	22.5	25.3	27.2	30.3	29.5	31.2	30.2	30.0	28.2	24.2	19.5	17.0	16.3	15.1	14.8	19.82	
11	13.5	12.6	12.3	11.8	10.7	10.5	15.4	16.1	17.6	19.8	20.6	22.0	22.2	23.5	24.1	22.5	21.3	22.4	19.3	18.0	17.8	17.6	16.7	16.2	17.69	
12	16.2	15.9	15.2	12.8	11.7	11.3	14.0	17.6	20.2	21.1	23.2	24.6	25.5	25.4	25.7	25.0	24.6	23.2	21.4	21.8	20.3	19.1	18.3	16.9	19.62	
13	14.4	13.0	11.7	11.5	10.9	11.4	..	17.8	18.9	19.8	21.1	21.4	20.8	20.1	20.2	21.8	19.7	18.6	16.3	16.2	16.3	16.2	16.3	16.2	17.95	(26.0)* (10.5)*
14	16.3	16.2	16.8	16.2	16.3	9.8	..	15.8	..	18.6	..	21.6	..	22.1	22.1	22.0	21.4	20.6	18.3	17.2	15.5	13.2	12.0	11.7	19.02	(24.5)* (9.5)*
15	11.6	11.0	10.6	10.0	9.2	8.7	12.9	15.8	18.0	19.2	20.5	22.0	22.7	23.5	23.1	22.7	21.9	20.7	18.6	17.4	16.6	15.3	14.3	14.2	16.69	
16	13.0	12.7	11.7	10.6	10.5	10.7	12.8	16.8	19.5	20.2	20.7	20.9	..	23.0	23.1	21.1	20.6	19.3	16.7	15.8	14.6	14.0	14.0	13.5	15.61	(24.6)* (10.5)*
17	13.5	13.3	13.1	12.9	12.5	12.2	..	16.2	..	19.8	..	22.1	..	24.4	..	24.4	..	22.4	..	17.8	..	15.8	..	14.0	17.42	(27.0)* (11.2)*
18	..	12.8	..	11.7	..	10.8	..	16.6	..	20.0	21.8	23.5	24.4	24.8	..	24.2	..	22.8	..	18.8	..	..	..	..	17.20	(27.0)* (10.5)*
19	..	..	..	..	..	10.6	..	17.6	..	20.8	..	23.8	..	25.4	..	25.2	..	20.2	..	18.4	..	..	..	..	17.17	(27.8)* (9.5)*
20	..	..	..	..	..	9.8	..	16.2	..	20.6	..	24.6	..	26.6	..	26.2	..	23.6	..	19.6	..	..	..	..	18.42	(28.3)* (9.0)*
21	..	..	..	..	..	11.0	14.9	17.1	20.2	22.9	24.9	26.4	27.7	28.9	28.8	28.1	27.0	25.1	22.7	20.3	18.6	17.3	16.4	15.6	19.50	(30.5)* (10.0)*
22	14.5	13.6	13.0	12.3	11.5	10.7	14.3	18.7	21.2	24.0	26.0	27.6	29.1	30.4	30.1	29.5	29.4	25.4	22.7	21.9	20.1	17.5	16.4	13.9	20.58	
23	13.5	12.4	12.3	12.0	11.8	12.8	16.0	19.4	22.7	26.0	29.0	30.0	31.9	32.7	33.0	32.7	31.5	30.4	27.5	26.2	24.1	23.0	21.6	22.4	23.12	
24	19.9	17.7	18.8	19.3	20.5	21.3	20.8	25.9	27.9	27.3	27.1	25.7	25.4	23.9	23.1	21.4	19.8	19.5	18.7	20.0	17.3	16.5	15.4	15.4	21.19	
25	15.7	15.4	14.9	14.3	12.7	16.8	17.8	19.0	20.8	24.4	25.2	27.5	27.1	28.1	28.4	27.0	26.4	24.4	21.5	19.1	17.8	17.8	17.6	17.4	20.71	
26	17.7	17.7	15.3	14.3	13.4	13.3	17.0	21.1	24.5	26.7	28.0	27.8	28.5	29.2	28.6	28.4	28.1	27.0	24.2	23.3	22.9	22.2	20.8	21.4	22.56	
27	20.8	21.3	20.9	20.4	16.6	16.6	18.9	22.9	26.9	30.2	31.0	32.6	33.8	34.0	33.9	33.1	32.4	31.5	29.5	27.4	25.8	25.2	24.1	23.8	26.40	
28	25.6	25.9	24.6	24.7	23.6	23.5	..	27.6	..	32.8	..	36.4	..	36.2	..	35.2	..	33.2	..	27.8	..	..	..	..	29.09	(37.8)* (16.0)*
29	..	..	..	..	..	17.0	..	21.4	..	28.5	31.2	33.3	34.2	34.5	34.6	34.3	33.3	31.2	28.4	25.3	24.4	24.5	23.1	23.1	25.79	(36.0)* (15.3)*
30	19.0	18.1	17.1	17.0	16.1	17.0	16.4	20.5	23.1	27.2	30.1	32.0	32.7	34.1	33.8	32.7	31.4	31.1	28.9	26.0	25.2	24.0	21.8	21.1	24.85	
Mean	15.99	15.53	15.27	15.00	14.67	14.23	16.23	18.68	20.89	22.96	24.75	25.92	26.74	27.22	27.32	26.61	25.79	24.36	22.16	20.44	19.33	18.05	17.13	16.79	20.50	* Mercurial extreme temp.

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

May, 1900.

Height above ground, 2 metres.

DATE	HOURS OF OBSERVATION.																								REMARKS.		
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.		MEAN	
1	15.8	18.1	17.6	17.4	17.1	16.8	21.7	27.0	31.9	34.8	35.6	35.8	36.3	37.2	36.1	35.8	34.5	33.1	30.1	28.4	27.3	26.0	23.7	22.6	27.53		
2	22.3	20.1	18.7	17.9	17.6	18.4	19.4*	23.6*	28.8*	20.9*	31.5	32.6	34.2	34.3	34.5	33.8	33.0	31.9	30.3	27.6	26.5	25.4	24.6	22.9	26.68		
3	20.7	20.2	19.4	19.3	18.7	17.2	21.8	25.4	28.8	30.5	31.8	32.9	34.3	35.4	35.5	35.0	33.9	32.4	29.6	27.3	26.0	25.3	24.6	23.7	27.07		
4	22.9	22.9	22.0	21.0	20.6	19.5	22.4	26.6	30.4	35.7	38.8	39.8	39.8	40.0	40.5	39.1	38.4	36.3	34.1	30.8	29.7	31.6	32.2	32.5	31.15		
5	29.9	31.4	25.0	23.3	21.9	28.4	27.5	30.0	29.2	30.0	31.5	31.8	30.8	32.3	31.4	29.6	27.1	25.5	23.8	23.7	23.7	..	..	..	27.0	(33.0)* (22.0)*	
6	..	..	..	..	..	16.2	18.0	19.8	21.8	22.8	25.0	26.4	26.9	27.4	28.5	28.5	27.4	25.7	23.0	20.6	19.7	18.3	17.4	16.6	21.4	(29.0)* (15.0)*	
7	16.0	16.0	16.0	16.6	16.7	17.0	19.3*	20.7	21.8	20.0	24.0	25.8	27.1	27.5	26.9	25.8	25.7	23.8	21.1	18.8	17.1	16.2	..	..	21.0	(28.0)* (15.5)*	
8	..	..	..	..	..	15.2*	17.6	21.1	22.2	24.4	24.4	26.5	27.1	27.8	27.4	27.4	26.9	25.4	22.2	20.6	19.8	..	..	..	21.2	(28.0)* (14.2)*	
9	..	..	..	..	..	14.0*	26.2	26.3	24.9	25.6	26.4	27.3	28.6	28.9	28.8	29.4	28.5	27.3	24.9	23.9	21.9	21.1	19.8	18.8	22.3	(31.0)* (15.2)*	
10	17.7	..	..	..	..	13.8*	17.8*	22.2*	28.0*	29.4*	30.0*	32.0*	32.8*	33.8	33.6*	33.4*	32.4*	31.4*	29.0	27.9	25.7	24.4	23.6	24.2	24.3	(34.5)* (13.5)*	
11	21.9	19.2	17.7	17.3	16.5	17.9	22.5	24.5	29.4	33.6	36.6	38.2	40.2	39.0	39.0	38.4	36.7	35.3	34.8	30.6	29.0	28.0	27.9	28.3	29.27		
12	28.4	27.1	26.7	26.4	23.1	27.7	31.5	31.1	31.8	34.0	36.2	40.3	40.8	39.9	39.9	38.9	34.9	31.2	28.2	25.3	24.8*	..	..	..	30.7	(41.5)* (24.3)*	
13	..	..	..	..	..	17.8*	19.0*	20.4*	23.0*	24.4*	26.0*	27.4*	28.4	29.6*	30.0*	29.4	29.0*	27.4*	24.6*	22.0*	20.6*	..	..	..	..	22.8	(32.0)* (17.7)*
14	..	..	..	..	..	16.8*	17.8*	19.0*	20.8*	22.8*	25.0*	26.0*	28.2*	28.8*	29.2*	29.8*	29.2*	28.2*	26.8*	24.2*	23.2*	..	..	..	..	23.0	(31.0)* (15.5)*
15	..	..	..	..	..	16.8*	20.2*	22.6*	24.6*	26.6*	28.0*	29.2*	30.4*	30.8*	31.0*	30.8*	30.0*	28.8*	27.0*	24.8*	23.8*	..	..	..	..	23.8	(32.5)* (16.2)*
16	..	..	..	..	..	18.6	20.4*	22.4*	26.0*	27.0*	29.5	31.8*	32.8*	33.0*	33.6*	33.5*	32.4*	31.0*	29.0*	27.0*	25.6*	23.5	22.6	21.9	26.1	(35.0)* (16.0)*	
17	20.7	21.2	19.2	17.8	18.1	17.1*	20.4*	24.2*	29.0*	33.4*	35.0*	37.2*	36.8*	37.0*	38.8*	38.0*	37.0*	34.4*	32.2*	30.4*	33.0*	..	..	..	..	29.5	(39.5)* (16.7)*
18	..	..	..	..	..	24.4*	30.6*	34.2*	37.4*	38.6*	39.8*	40.8*	40.4*	39.4*	39.0*	39.4*	39.4*	40.4*	38.4*	38.5*	38.9*	..	..	..	..	34.0	(41.0)* (23.4)*
19	..	..	..	..	..	21.0*	21.0*	21.7*	22.2*	25.3*	26.0*	27.2*	28.2*	29.8*	29.4*	30.0*	28.5*	27.5*	24.5*	22.6*	20.8*	..	..	..	..	23.8	(31.6)* (20.4)*
20	..	..	..	..	..	16.6*	18.0*	19.5*	21.5*	24.2*	25.5*	26.0*	27.6*	29.0*	29.5*	29.6*	29.6*	27.2*	25.0*	22.0*	21.5*	..	..	..	..	22.4	(31.0)* (15.4)*
21	..	..	..	..	..	16.0*	18.5*	21.0*	23.0*	26.0*	26.8*	27.9*	29.4*	30.0*	30.8*	30.5*	30.0*	29.0*	27.0*	24.5*	22.8*	..	..	..	..	23.1	(32.0)* (14.3)*
22	..	..	..	..	..	16.6*	19.5*	22.8*	25.2*	27.0*	29.0*	31.0*	31.4*	32.0*	31.7*	31.5*	30.5*	30.0*	28.0*	26.0*	24.7*	..	..	..	..	24.4	(33.7)* (15.0)*
23	..	..	..	..	..	20.0*	21.5*	25.0*	28.0*	30.5*	32.0*	33.0*	33.5*	34.0*	34.6*	33.5*	32.5*	30.5*	29.3*	27.5*	26.6*	..	..	..	..	27.0	(37.0)* (18.5)*
24	..	..	..	..	..	19.6*	21.0*	22.5*	23.5*	24.5*	26.5*	28.0*	29.5*	30.0*	29.4*	28.5*	27.0*	25.5*	24.5*	22.0*	20.5*	..	..	..	..	23.3	(32.0)* (19.0)*
25	..	..	..	..	..	17.5*	18.5*	19.5*	22.0*	22.7*	25.0*	26.4*	26.5*	26.6*	27.7*	27.8*	27.8*	26.5*	24.5*	22.5*	21.6*	..	..	..	..	22.4	(31.0)* (17.0)*
26	..	..	..	..	..	16.8*	19.0*	21.6*	23.5*	25.5*	26.3*	26.8*	27.5*	28.0*	27.7*	27.5*	27.0*	26.7*	25.5*	24.0*	23.5*	..	..	..	..	22.9	(31.0)* (15.5)*
27	..	..	..	..	..	18.2*	21.0*	24.7*	25.5*	27.0*	28.0*	29.0*	29.5*	30.0*	29.5*	29.0*	28.0*	26.0*	26.5*	27.0*	27.8*	..	..	..	..	25.2	(34.0)* (17.5)*
28	..	..	..	..	..	24.0*	24.5*	26.0*	28.0*	30.0*	31.0*	31.5*	32.0*	33.8*	32.0*	32.0*	30.8*	29.3*	27.0*	25.0*	24.0*	..	..	..	..	26.7	(35.2)* (19.5)*
29	..	..	..	..	..	20.0*	22.0*	24.0*	28.0*	29.5*	32.5*	34.5*	35.0*	34.5*	32.5*	32.9	33.0	32.3	31.6	30.8	30.1	29.3	28.5	28.5	28.3	28.3	(37.0)* (18.8)*
30	28.1	25.6	..	..	..	25.5*	26.5*	27.5*	28.4	26.8	26.8	24.5	25.9	26.5	26.4	26.1	26.3	25.2	23.7	22.5	22.3	22.0	21.7	21.4	24.6	(30.0)* (23.5)*	
31	21.1	21.0	20.8	16.2	15.6	15.9*	20.1*	25.4	27.1	29.0	30.5	31.6	32.3	33.1	33.2	32.0*	31.0*	29.5*	26.8*	25.0*	23.2*	..	..	..	..	24.6	
Mean	21.41	21.92	20.61	19.62	17.80	18.76	21.46	23.96	26.31	27.87	29.71	30.97	31.75	32.26	32.20	31.87	30.90	29.61	27.52	25.61	24.70	23.90	23.16	22.69	25.70	*Mercurial extreme temp.	

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

June, 1900.

Height above ground, 2 metres.

DATE	HOURS OF OBSERVATION.																								REMARKS.	
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.		MEAN
1	19.8	19.1	18.4	17.9	17.6	17.0*	19.2*	21.6	23.5	25.6	27.5	28.4	29.4	29.8	30.1	30.1	29.9	29.4	26.6	25.0	24.0	23.5	22.7	21.9	24.08	
2	20.8	18.5	17.8	16.4	15.6	15.2	18.5*	21.2	22.1	25.0	25.5	26.7	28.1	28.7	28.9	29.0	29.0	27.8	26.1	24.1	22.8	21.1	20.7	20.0	22.90	
3	19.6	19.0	18.3	17.6	17.0	16.8	19.0*	21.2*	23.5	23.7	24.0	24.9	27.0	27.7	28.3	28.3	28.4	28.2	27.0	25.6	25.0	23.7	22.6	21.8	23.26	
4	20.6	19.4	19.1	19.0	18.5	18.2	20.5*	22.5*	24.0*	25.5*	25.2	27.0	28.8	29.1	29.5	29.7	29.8	28.9	27.1	26.4	25.9	25.4	24.6	24.69		
5	24.3	23.7	23.2	22.8	22.7	22.4	25.5*	27.2*	29.0*	31.0*	32.0	33.0	33.6	34.0	33.5	31.8	31.8	30.9	28.7	27.1	26.1	25.0	23.9	28.12		
6	23.0	22.1	21.0	20.7	20.4	19.6	24.0	26.2	30.0	33.2	35.0	36.4	37.5	38.0	38.2	37.5	35.8	34.3	33.3	29.7	27.6	25.4	23.7	22.9	28.98	
7	22.0	21.1	20.6	20.2	19.9	19.2	24.6*	27.0*	30.1*	33.8*	36.0*	37.6*	38.6*	39.2*	39.4*	37.1	37.1	35.1	32.9	31.3	29.6	28.2	25.9	24.7	29.63	
8	23.8	23.8	23.7	23.5	23.5	23.5	26.5*	30.4	33.0	34.6	36.4	37.6	38.8	39.3	39.3	38.7	38.8	34.7	32.4	30.4	28.2	27.0	25.7	25.2	30.82	
9	24.7	23.9	23.2	21.1	20.0	19.3	23.6*	27.6*	30.0*	33.5*	35.0*	36.5*	36.6*	37.0*	36.5	35.8*	34.0*	31.5*	29.5*	28.0*	26.5*	25.3	24.0	23.5	28.61	
10	25.4	24.6	23.9	23.4	23.1	22.5*	23.7*	26.5*	29.0*	30.6*	31.9	34.4	34.8	35.0	35.3	34.7	34.1	32.5	29.6	28.1	26.8	25.3	24.3	23.6	28.46	
11	23.0	22.4	21.5	19.6	19.6	20.3	24.3	26.1	26.5	29.0	29.5	29.7	32.1	33.3	35.0	35.3	34.9	32.5	31.0	29.6	29.4	28.8	28.6	27.5	27.90	
12	26.5	25.5	25.2	24.9	23.7	21.9	23.8*	26.0*	29.4*	31.2*	32.5*	34.7*	34.7*	35.0*	35.0*	34.0*	32.5*	31.6	30.0*	28.2*	26.7*	25.7	25.2	24.0	28.66	
13	22.8	22.1	21.4	20.9	20.6	20.0*	22.0*	23.5*	24.4	27.2	28.6	30.9	31.9	32.4	33.6	34.2	33.6	32.4	29.6	27.5	25.8	24.4	23.4	21.9	26.46	
14	21.3	20.7	19.7	19.6	19.4	19.7	21.5*	23.2*	24.7	26.1	27.8	28.3	30.2	31.9	32.1	32.2	32.2	31.1	29.8	27.1	25.3	23.8	22.6	21.6	25.50	
15	21.1	20.5	20.3	19.9	19.3	19.1	20.4	22.5	24.6	26.1	27.9	29.2	30.2	31.4	31.9	32.0	31.2	30.1	28.0	26.2	24.5	23.2	21.6	21.0	25.09	
16	20.3	19.4	18.7	17.7	17.0	16.6	19.5*	22.5*	24.3*	26.0*	27.5*	29.0*	30.0*	30.5*	30.5*	31.0*	31.0*	30.0*	28.0*	26.4*	24.7*	23.5	23.0	22.5	24.57	
17	21.0	20.1	19.4	18.9	18.6	18.0*	20.3*	23.2	25.1	26.0	29.3	29.8	30.0	30.2	30.9	32.4	32.5	32.6	29.0*	28.0*	25.7	25.5	24.5	23.7	25.61	
18	23.2	22.4	21.5	20.3	19.5	19.1	21.5*	24.0*	26.0*	26.8*	28.8*	29.1	30.3	31.4	32.2	32.4	31.4	30.2	27.8	26.2	24.2*	23.7	23.2	22.8	25.75	
19	21.9	21.0	20.3	19.8	19.5	19.5*	21.5*	23.7*	26.0*	27.0	29.0*	29.5*	30.5*	31.6	31.5*	31.8*	31.0*	29.9*	28.0*	26.3*	25.0*	24.0	23.5	23.0	25.62	
20	21.4	20.5	19.8	19.3	19.0	19.0*	20.7*	23.0*	25.5*	26.7	28.6*	29.8*	30.5	31.5	32.3	32.7	32.4	30.6	28.0	26.3	25.3	23.8	23.3	22.8	25.53	
21	21.5	20.6	20.9	20.5	20.2	20.2*	21.5*	23.8	24.1	26.3	27.9	29.3	30.5	31.8	32.5	33.0	33.1	32.5	31.0	29.3	27.1	25.3	23.7	22.9	26.23	
22	22.0	20.9	20.9	20.9	20.4	20.4	22.6*	23.5*	26.5*	27.5*	30.0*	31.5	32.9	34.0	34.8	34.8	33.6	32.1	30.0*	28.5*	27.0*	25.0	24.5	24.0	27.01	
23	22.8	21.9	21.2	20.8	20.5	21.0*	22.7*	24.8	26.9	29.3	31.4	33.1	35.2	35.4	36.4	36.6	36.6	35.7	33.5	30.6	28.5	26.3	24.6	23.6	28.31	
24	22.5	21.7	20.7	20.4	20.3	20.8	22.0*	25.0	28.5	30.0	32.9	34.1	35.2	36.1	36.5	36.5	36.0	35.5	32.9	30.3	28.5	26.6	25.0	23.3	28.39	
25	22.8	21.5	21.0	20.4	19.4	20.5	22.5	25.4	27.4	29.6	31.3	33.1	34.2	35.3	35.7	36.1	36.1	35.1	32.6	29.9	28.2	26.8	25.1	23.2	28.05	
26	22.0	21.4	20.6	20.2	20.0	20.6	22.6	25.7	28.5	31.8	33.8	35.0	36.0	36.9	37.0	37.1	36.1	34.9	32.0	29.8	27.9	26.0	24.6	23.38		
27	23.4	22.5	21.4	20.7	21.1	22.1	22.5	25.4	27.4	29.9	31.1	33.2	34.3	35.0	36.0	36.3	35.8	33.6	31.0	29.0	27.1	25.4	24.0	22.7	27.95	
28	22.3	21.4	20.8	19.8	18.5	19.1	23.0	24.9	26.9	28.8	30.6	31.9	33.2	34.3	35.4	35.4	34.9	33.2	30.9	28.4	26.3	24.6	23.1	22.4	27.09	
29	22.1	22.1	21.3	21.3	21.1	21.2	24.0*	25.5	27.2	29.0	31.4	34.3	35.6	36.9	37.6	37.5	36.6	35.0	32.7	30.1	28.3	26.3	25.3	23.9	28.60	
30	23.8	22.8	22.7	22.4	22.0	21.7	24.0*	25.3	27.0	29.0	30.2	32.6	34.2	35.3	36.4	36.8	36.7	35.7	33.4	31.8	29.6	28.0	26.6	25.3	28.89	
Mean	22.39	21.55	20.95	20.36	19.93	19.82	22.20	24.51	26.61	28.55	30.15	31.65	32.80	33.59	34.00	34.02	33.60	32.35	30.31	28.32	26.70	25.34	24.23	23.29	26.97	

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

July, 1900.

Height above ground 2 metres.

DATE	HOURS OF OBSERVATION.																									REMARKS.
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	24.4	23.5	22.8	22.0	21.5	21.2	24.2	26.4	28.7	31.0	34.3	36.0	37.1	38.1	38.7	38.2	37.8	36.6	33.5	30.9	29.3	28.0	26.5	24.2	29.79	
2	23.2	22.8	22.4	21.7	20.4	22.6	25.2	28.1	29.6	32.1	33.6	35.5	35.9	36.9	37.0	36.3	34.9	33.2	30.7	28.1	26.5	25.3	23.8	23.1	28.71	
3	22.3	21.4	21.0	20.9	20.7	21.4	23.3	25.5	26.3	28.6	29.5	31.0	32.4	33.5	33.5	34.2	34.3	33.0	30.6	28.9	27.4	26.1	25.0	24.1	27.29	
4	23.2	21.6	21.2	21.0	22.0	23.0*	24.3	25.2	27.1	28.4	29.9	31.9	32.9	33.4	34.1	34.3	33.8	33.0	30.8	29.1	28.0	26.3	24.9	24.1	27.65	
5	22.5	21.8	21.3	21.2	21.2	22.3	24.5	26.2	27.3	28.8	30.1	31.3	32.6	34.0	34.5	34.5	34.4	33.2	31.3	29.3	28.1	26.5	25.4	24.4	27.78	
6	23.3	22.7	23.1	23.2	23.0	23.1	25.1	26.4	27.6	29.8	31.0	33.1	34.2	34.2	35.5	35.9	35.7	35.0	33.4	31.2	29.8	27.9	26.4	25.1	28.99	
7	23.5	22.7	21.9	21.2	21.7	22.1	23.4	25.3	27.1	29.0	32.0	33.5	34.9	36.7	37.0	37.0	36.2	35.3	33.3	31.2	29.6	27.9	26.7	25.2	28.93	
8	24.1	23.3	22.9	21.3	20.7	20.9	24.2	26.8	29.7	31.5	33.0	34.7	36.1	36.3	36.8	36.9	36.3	35.6	32.4	29.9	28.0	26.6	25.2	23.5	29.03	
9	22.0	21.5	21.0	21.0	21.0	21.7	24.2	25.9	27.3	29.0	31.0	32.3	33.6	34.7	34.9	35.1	34.5	33.2	30.1	28.1	26.5	25.3	24.1	23.2	27.55	
10	23.2	22.3	21.9	21.4	21.0	20.7	22.9	24.2	25.1	27.2	28.3	29.6	31.5	32.4	33.1	34.0	32.7	32.8	30.2	27.9	26.2	24.8	23.7	22.8	26.67	
11	22.1	21.5	21.5	21.4	20.8	21.7	24.6	25.1	26.7	27.1	29.3	29.9	31.4	32.0	32.7	32.6	32.0	31.2	28.8	26.4	25.5	24.4	23.3	22.4	26.43	
12	21.7	21.3	20.9	20.9	20.6	20.3	22.2*	24.2	25.4	27.0	28.8	29.9	30.6	31.7	32.0	32.3	31.8	31.4	30.1	28.0	26.4	25.9	25.2	24.5	26.38	
13	24.2	24.0	23.2	22.9	22.3	21.8	23.2	25.2*	26.2	27.7	29.0	29.6	31.1	31.8	32.5	32.6	32.3	31.0	28.8	26.8	25.1	24.0	22.9	21.9	26.67	
14	21.1	20.3	20.3	19.6	19.3	20.0	21.7	25.4	26.2	27.0	29.0	29.6	30.9	31.9	32.2	32.6	31.7	31.3	28.9	27.0	25.6	24.4	23.3	22.5	25.91	
15	21.8	21.3	21.1	19.7	19.2	19.9	23.9*	25.2	26.6	28.6	30.9	32.7	34.4	35.2	35.6	36.3	36.3	34.9	32.7	29.7	27.9	26.1	25.0	23.6	27.86	
16	22.9	22.7	22.0	21.3	20.9	21.6	24.9	27.7	30.8	33.1	35.4	36.6	38.1	37.8	38.5	38.5	38.1	36.8	33.8	31.1	29.7	27.5	26.1	24.5	30.02	
17	24.1	23.3	22.9	22.8	22.1	21.9	24.2*	25.4*	27.1	29.0	30.6	31.7	33.1	34.1	34.3	33.8	32.3	31.0	28.8	27.3	25.8	24.6	23.6	22.6	27.33	
18	21.8	21.3	21.5	21.4	21.2	22.0	23.2*	25.3	26.4	27.5	29.2	30.4	31.4	32.5	32.7	33.3	32.8	32.5	30.3	28.7	27.5	26.2	25.1	24.1	27.03	
19	23.2	22.5	22.2	22.0	22.2	23.0	24.2*	25.0*	26.2*	28.5	29.8	31.4	33.2	34.8	34.4	35.0	34.2	32.5	30.8	29.5	28.0	26.0	25.2	24.2	27.83	
20	23.2	22.1	22.2	21.5	21.1	20.7	24.0*	25.5	27.3	29.9	31.7	34.1	33.6	34.3	34.2	34.5	33.4	32.6	30.9	29.1	27.2	26.2	25.5	23.4	27.85	
21	22.4	22.0	20.0	19.3	19.7	20.8	23.0*	25.3	27.5	29.4	30.6	31.9	33.4	33.7	34.3	33.5	33.1	32.7	30.8	29.4	28.0	26.8	25.6	24.4	27.37	
22	23.4	22.7	21.6	20.9	20.4	20.4	23.0*	25.0*	26.8	29.2	31.3	31.9	32.9	35.1	34.0	35.1	34.3	33.2	31.5	30.0	29.1	27.6	26.4	25.3	27.96	
23	24.1	23.0	22.5	22.1	21.9	22.0	24.5	25.3	26.9	29.2	32.1	34.0	34.8	35.0	35.3	35.0	34.3	33.1	30.0	28.4	27.3	26.5	25.5	24.0	28.20	
24	22.9	22.1	20.7	20.6	20.3	20.3	23.4	25.9	27.9	29.7	31.1	32.3	33.7	34.4	34.6	34.4	33.7	33.0	30.9	29.0	27.8	27.1	25.9	23.8	27.73	
25	22.5	21.9	21.4	21.2	20.9	21.3	23.6*	25.6	27.4	28.1	30.3	31.8	32.6	32.9	33.7	33.2	33.0	32.1	30.1	28.4	26.8	25.8	25.3	24.2	27.25	
26	22.4	21.5	21.3	20.8	20.6	20.8	23.1	25.2	27.3	27.8	30.0	31.9	33.6	34.9	35.1	35.1	34.4	32.8	30.3	28.3	26.8	25.3	24.1	23.4	27.37	
27	22.6	23.0	22.7	22.8	23.0	23.3	24.2	26.1	27.0	27.9	30.0	31.8	33.9	35.3	36.1	36.2	35.7	34.0	31.9	30.0	28.1	26.6	25.6	24.3	28.42	
28	23.7	23.4	23.9	24.1	23.9	23.7	24.6	25.6	27.6	28.9	31.1	32.8	34.3	35.8	36.4	36.3	35.8	35.1	32.2	30.5	29.3	27.8	26.4	25.3	29.10	
29	24.4	23.4	22.6	22.6	23.5	23.9	24.2*	25.8	27.1	29.4	31.7	34.1	35.5	36.3	36.7	37.2	36.6	35.8	33.4	31.9	30.5	28.9	27.4	26.3	29.55	
30	25.2	24.7	23.3	23.1	23.3	22.8	24.2	26.0	28.5	30.0	32.8	35.2	35.5	36.4	37.5	37.0	36.6	35.6	33.5	31.0	29.7	28.5	27.1	25.5	29.71	
31	25.2	24.2	23.6	23.0	22.6	22.6	24.4	26.2	27.8	28.9	31.2	33.2	34.6	35.9	36.4	36.4	36.8	35.0	32.6	30.1	28.6	29.0	28.8	27.6	29.32	
Mean	23.12	22.45	21.97	21.56	21.39	21.74	23.86	25.68	27.31	29.01	30.92	32.44	33.67	34.58	34.96	35.07	34.48	33.50	31.21	29.20	27.75	26.45	25.32	24.11	27.99	

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

August, 1900.

Height above ground 32 metres.

DATE	HOURS OF OBSERVATION.																								REMARKS.	
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	24		MEAN
1	25.2	24.2	23.6	23.0	22.6	22.6	24.4	26.2	27.8	28.9	31.2	33.2	34.6	35.9	36.4	36.4	35.8	35.0	32.6	30.1	28.6	29.0	28.8	27.6	29.32	
2	25.0	23.0	22.0	21.6	21.2	22.0	23.4	23.6	27.4	31.8	33.8	34.8	36.0	36.6	36.8	36.8	35.8	34.5	32.6	30.6	29.0	29.5	28.0	26.5	29.27	
3	25.6	23.8	23.0	22.0	21.0	21.4	23.0	24.6	26.2	29.4	30.9	32.7	34.0	35.4	35.4	35.0	34.2	32.7	30.0	27.9	26.0	25.0	24.0	23.2	27.77	
4	22.0	21.4	20.6	19.8	20.0	20.7	23.2	25.7	26.5	28.9	30.0	31.6	32.4	33.2	34.0	34.0	33.8	32.8	30.0	28.4	26.8	26.3	26.1	25.9	27.28	
5	25.3	24.7	24.6	22.2	21.2	22.0	25.0	28.0	29.6	31.1	32.4	33.2	33.8	34.4	34.4	34.2	33.6	32.2	30.2	28.6	27.2	26.9	26.4	26.0	28.64	
6	25.5	24.9	24.3	23.8	23.4	21.8	24.1	28.2	31.6	32.9	34.0	34.4	35.0	35.2	35.8	35.7	34.8	33.8	31.0	29.0	27.2	25.5	24.4	23.6	29.16	
7	22.8	22.3	22.0	21.8	21.1	19.8	22.2	24.6	26.8	28.8	30.6	30.8	32.9	33.6	33.8	34.2	33.4	32.8	30.6	28.0	26.5	26.0	24.7	24.2	27.26	
8	23.7	23.0	22.7	22.4	22.2	21.8	23.8	25.8	27.8	28.2	29.8	31.0	32.4	33.4	33.4	33.6	33.4	32.2	30.0	27.8	26.2	25.9	25.4	24.2	27.50	
9	23.6	23.0	22.3	22.0	21.8	21.6	23.8	26.0	27.4	28.0	29.9	30.4	31.6	32.2	33.2	33.2	32.8	32.0	29.8	27.9	26.6	26.2	25.7	25.2	27.38	
10	24.5	23.7	22.8	22.2	21.9	21.8	23.4	25.4	26.5	27.8	28.0	31.2	32.0	33.0	34.0	33.9	33.5	32.6	31.6	29.2	27.8	27.2	26.5	25.6	27.75	
11	24.6	24.0	23.3	22.5	22.1	20.6	23.0	24.4	26.8	28.2	29.8	31.4	32.4	33.2	34.0	34.2	34.2	33.0	31.2	29.0	27.6	27.1	25.9	25.4	27.83	
12	24.8	23.9	22.8	21.8	21.3	20.2	22.7	25.6	26.4	29.0	29.2	31.4	32.2	33.6	34.0	34.2	34.6	33.4	31.2	30.0	27.6	27.8	26.9	26.2	27.93	
13	25.9	24.7	24.0	23.4	22.8	22.2	23.0	25.2	26.4	28.0	30.8	32.6	34.4	35.2	35.8	36.2	35.2	34.4	32.0	29.6	28.4	28.0	27.4	25.9	28.81	
14	24.3	22.6	23.1	22.1	21.4	21.2	23.8	25.2	27.2	28.8	31.0	33.2	33.6	34.2	34.4	34.6	33.2	32.3	29.5	27.8	26.4	25.8	24.9	24.1	27.69	
15	23.2	23.4	23.2	22.9	22.9	20.8	22.8	25.8	28.1	30.6	31.0	31.8	32.6	33.2	33.0	32.8	32.0	30.4	23.0	26.6	25.4	24.5	23.7	22.9	27.14	
16	22.4	22.2	21.9	21.6	21.3	21.0	22.9	24.6	26.6	27.2	28.2	30.2	31.4	32.0	32.9	32.4	31.5	29.7	27.2	25.8	24.8	24.8	24.1	23.3	26.25	
17	22.8	22.5	22.2	21.8	21.4	21.0	22.3	24.6	26.9	27.1	28.8	30.1	31.0	31.5	32.0	32.0	31.9	30.7	28.4	27.3	25.5	25.2	24.8	24.2	26.70	
18	23.7	23.3	22.9	22.3	21.9	21.2	21.4	24.4	26.3	26.7	27.5	29.7	30.5	31.6	32.2	32.8	32.2	31.9	29.7	27.8	27.1	25.6	25.0	24.7	26.75	
19	24.0	22.5	21.8	21.0	20.6	20.1	21.1	24.1	26.0	27.0	28.1	29.8	31.0	31.1	32.0	32.1	32.0	31.4	29.1	27.7	26.8	25.4	25.0	24.4	26.42	
20	23.3	22.5	22.5	21.9	21.2	21.5	23.0	25.1	26.5	29.2	30.5	31.8	32.1	32.9	34.4	35.0	34.0	31.5	28.8	26.7	25.6	24.6	23.5	22.7	27.12	
21	22.0	21.6	21.4	20.6	20.8	20.4	23.4	25.2	27.5	30.0	32.6	34.1	35.1	36.3	36.4	36.4	36.0	34.7	32.7	31.5	30.8	30.6	30.6	29.8	29.19	
22	23.3	27.1	25.2	26.4	24.8	24.5	25.9	27.2	29.8	31.5	32.9	34.6	35.8	36.6	35.3	34.8	34.4	31.3	29.4	27.2	26.0	24.9	24.3	23.4	29.25	
23	22.6	22.4	21.8	21.4	20.4	20.5	22.4	24.8	27.2	28.2	29.8	31.0	31.9	32.5	32.5	32.5	32.3	31.1	30.1	28.0	26.5	25.5	24.3	23.5	26.80	
24	22.8	21.8	21.2	20.8	20.6	21.0	22.4	24.6	27.6	28.8	29.9	31.9	32.1	32.7	33.2	32.7	32.5	31.3	28.8	27.8	26.0	25.1	23.9	22.8	26.76	
25	21.5	21.1	20.8	20.2	20.0	20.2	22.6	24.2	26.6	27.8	29.6	30.9	32.3	33.3	33.3	33.1	32.9	31.9	29.4	28.0	26.5	25.5	24.1	23.6	26.64	
26	22.8	22.0	21.6	22.3	22.4	22.2	22.4	24.7	27.2	29.2	30.7	32.1	34.0	35.0	35.8	35.0	34.0	31.5	29.0	27.8	27.0	26.3	24.5	23.5	27.58	
27	23.3	23.2	23.1	23.1	22.8	22.8	24.6	25.4	27.5	28.9	30.2	31.0	32.6	33.7	34.1	33.9	33.0	31.2	29.1	26.9	25.5	24.4	23.8	23.1	27.38	
28	22.1	22.1	21.7	21.9	21.3	21.6	22.6	23.9	25.9	28.0	30.5	32.3	33.2	34.0	34.4	34.2	33.4	31.7	29.1	27.2	25.3	25.1	24.6	22.8	27.04	
29	22.2	21.3	22.0	21.8	21.4	21.8	22.2	23.3	26.6	29.7	32.1	33.2	34.0	34.4	34.4	34.2	33.0	31.3	30.3	29.0	27.5	26.4	23.4	22.4	27.42	
30	21.8	21.0	20.4	20.0	19.9	20.6	22.3	26.3	29.0	30.5	32.3	33.4	34.0	34.6	34.4	34.4	33.0	31.1	29.6	26.6	25.5	24.0	22.2	21.2	27.00	
31	22.0	21.5	21.0	20.7	20.6	20.4	22.3	23.9	26.9	29.9	32.9	31.4	32.2	33.2	33.5	33.2	33.0	31.8	29.9	28.4	26.2	25.6	24.8	23.9	26.53	
Mean	23.70	22.93	22.45	21.98	21.56	21.82	23.02	25.10	27.23	28.94	30.52	31.98	33.00	33.78	34.17	34.10	33.51	32.20	30.03	28.20	26.77	26.25	25.22	24.38	27.60	

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

September, 1900.

Height above ground 2 metres.

DATE	HOURS OF OBSERVATION.																								REMARKS.	
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.		MEAN
1	22.7	22.0	21.8	21.8	21.8	21.7	23.2	24.8	26.2	27.6	28.6	31.6	31.2	32.2	32.2	32.0	30.8	28.9	26.9	25.6	24.5	24.1	23.2	22.7	26.21	
2	22.4	22.1	21.8	21.5	21.1	20.9	22.4	24.6	26.1	27.0	28.6	29.6	29.6	30.4	30.2	30.2	29.6	27.4	25.8	24.2	23.0	22.8	22.3	21.9	25.23	
3	21.5	20.8	20.3	20.2	19.8	19.7	21.8	23.8	25.4	26.2	27.7	27.6	29.7	29.9	30.7	29.8	28.5	26.8	24.9	23.2	22.0	21.9	21.1	20.7	24.31	
4	20.0	19.6	19.2	19.0	18.8	18.6	20.9	22.8	25.2	27.5	27.6	29.0	29.6	29.2	29.6	28.6	27.2	26.2	25.2	24.0	23.5	22.7	22.2	22.2	24.39	
5	21.8	20.8	20.2	19.2	19.1	18.9	21.9	23.5	25.3	26.6	28.0	29.2	29.6	30.6	30.2	30.3	28.2	28.2	26.2	24.6	23.9	23.9	23.1	22.4	24.87	
6	21.6	21.4	21.4	20.9	20.5	20.1	21.5	23.4	25.0	27.2	28.6	30.2	30.9	32.1	32.0	32.0	31.2	29.4	27.2	26.2	23.8	23.1	22.5	21.7	25.58	
7	21.0	20.8	20.6	20.2	20.1	19.6	20.4	23.6	25.8	27.4	28.8	30.2	31.2	31.0	31.1	30.5	29.8	28.0	26.0	24.6	24.4	23.9	22.8	22.2	25.17	
8	20.6	19.9	19.5	19.3	19.1	19.2	20.8	22.6	24.8	25.6	27.2	28.4	29.1	29.8	29.8	29.6	29.2	27.0	25.6	24.4	23.0	22.8	22.3	21.9	24.25	
9	21.3	20.9	20.4	20.3	20.3	20.4	20.9	22.5	24.8	25.1	27.5	29.0	30.2	30.6	30.6	30.6	28.6	28.2	27.0	24.6	23.3	22.5	21.6	21.2	24.75	
10	20.2	19.7	19.5	19.1	19.1	19.2	20.1	22.9	25.6	26.5	28.0	28.8	29.7	30.7	30.5	30.5	29.9	27.6	25.5	24.0	23.1	22.5	21.5	20.6	24.37	
11	19.9	20.4	20.0	19.9	19.4	19.4	20.3	22.4	23.5	25.5	27.3	28.2	29.5	30.1	30.3	30.1	29.8	27.9	25.5	24.0	22.7	22.5	22.0	21.0	24.23	
12	19.8	19.3	18.4	18.6	18.5	18.6	19.3	22.4	24.3	26.1	27.8	29.2	30.0	31.3	31.0	30.9	30.1	29.3	28.5	26.1	24.9	23.7	23.1	22.5	24.74	
13	22.0	22.4	21.8	21.5	21.5	21.3	22.0	23.7	26.0	26.7	28.7	29.5	30.2	31.0	31.0	30.9	29.9	28.2	26.1	24.4	23.1	21.7	21.2	21.1	25.25	
14	20.6	20.4	19.5	18.8	18.1	18.4	19.8	23.5	24.4	26.0	27.2	28.7	29.4	29.8	29.9	29.4	28.0	26.1	24.4	23.1	22.5	22.5	22.1	21.0	23.90	
15	20.5	20.6	19.8	19.9	19.5	19.2	20.6	22.4	24.3	26.0	26.8	27.8	28.4	28.7	28.8	28.1	27.0	25.2	24.3	23.1	22.2	21.8	20.7	20.4	23.59	
16	20.1	19.7	19.2	18.9	18.8	19.0	19.4	21.6	23.9	26.5	27.8	29.4	30.1	30.8	30.1	30.1	29.2	27.4	26.3	25.7	24.6	23.8	22.4	20.3	24.36	
17	19.1	19.1	19.3	18.3	17.8	16.8	18.8	22.5	25.6	26.9	27.5	28.3	28.7	29.1	28.5	28.1	26.9	25.1	23.3	22.0	20.9	20.2	18.8	18.6	22.93	
18	17.5	17.1	16.3	16.0	16.2	16.7	18.0	21.0	24.1	25.8	26.9	27.7	28.0	28.2	28.0	28.0	27.3	25.6	23.3	22.2	21.1	20.3	19.5	18.8	22.23	
19	18.2	18.0	17.4	16.9	16.8	16.7	18.8	20.7	23.1	24.7	26.0	26.8	27.8	28.3	28.4	27.9	27.8	26.5	24.4	22.9	21.7	21.7	20.5	19.5	22.54	
20	19.1	19.2	18.8	18.2	18.4	18.9	19.4	21.4	22.7	24.1	26.2	27.9	28.8	29.4	29.4	29.0	28.1	26.1	24.1	22.7	21.6	21.3	19.9	19.6	23.10	
21	19.1	19.7	19.3	18.9	18.5	18.5	19.6	21.2	23.1	24.7	26.4	27.7	28.5	29.0	28.7	28.8	28.2	26.3	24.3	22.3	21.3	20.8	20.2	19.3	23.10	
22	18.8	19.0	18.4	18.0	18.4	18.4	19.5	21.0	22.7	24.4	26.5	27.8	28.8	29.0	29.7	29.5	29.1	26.2	24.1	22.6	21.2	20.3	19.7	18.7	23.03	
23	18.3	17.8	17.3	16.4	16.5	17.1	18.4	20.4	22.9	24.6	26.2	27.7	28.9	29.1	28.9	29.3	28.4	26.2	23.7	22.7	22.1	19.8	19.3	18.7	22.53	
24	17.9	17.9	17.6	17.0	17.1	17.6	19.2	21.2	23.6	25.9	27.6	28.4	29.3	29.2	28.8	29.0	27.8	25.5	23.6	22.9	21.2	21.0	20.6	20.6	22.94	
25	19.0	18.4	18.3	17.0	16.7	16.5	18.2	21.8	23.7	25.9	27.3	28.4	28.9	29.0	29.1	28.6	27.8	26.5	25.5	24.4	22.9	22.5	21.9	21.4	23.32	
26	21.0	19.5	17.6	17.3	16.9	16.5	18.6	20.4	23.3	25.2	27.4	28.1	29.1	28.7	28.4	27.9	27.4	25.8	23.4	21.9	21.0	21.3	19.7	19.7	22.75	
27	19.4	18.2	17.2	17.0	17.2	17.4	19.1	20.3	23.2	24.5	25.1	26.5	27.5	27.6	27.4	27.6	27.0	25.3	23.3	21.8	20.4	19.9	19.9	18.9	22.15	
28	18.8	18.7	18.1	17.5	16.7	16.7	17.1	20.8	22.8	23.9	26.1	26.3	27.4	27.6	27.2	27.2	26.5	25.3	24.1	22.1	21.0	20.0	18.8	18.2	22.03	
29	18.0	17.6	17.4	17.3	16.5	16.8	17.7	20.5	23.3	25.2	26.6	27.4	27.8	28.3	28.4	28.2	27.5	25.9	23.7	22.6	21.4	20.7	20.3	19.7	22.45	
30	19.0	18.2	17.6	17.1	16.9	16.7	17.5	20.8	23.4	26.0	27.8	29.5	29.5	29.4	29.2	28.7	27.8	26.4	23.9	23.0	22.4	21.0	21.0	20.3	23.05	
Mean	19.97	19.64	19.13	18.73	18.52	18.52	19.84	22.15	24.27	25.84	27.34	28.50	29.25	29.63	29.62	29.42	28.61	26.85	25.04	23.64	22.51	21.93	21.16	20.53	23.78	

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

October, 1900.

Height above ground 2 metres.

DATE	HOURS OF OBSERVATION.																								REMARKS.	
	1	2	3	4	5	6	7	8	9	10.	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.		MEAN
1	19.5*	19.3*	18.7*	18.3*	17.9*	17.9*	18.0*	19.2*	21.1*	25.1	26.5	28.1	28.9	29.2	29.5	29.2	28.3	26.1	23.9	22.7	22.6	20.5	19.6*	19.0*	22.88	
2	18.1*	17.6*	17.3*	16.9*	16.9*	16.8*	17.9	19.4	20.7	25.0	27.8	29.5	30.1	30.3	30.3	29.9	28.9	26.0	24.2	22.7	22.0	20.3	19.6	19.4	22.82	
3	19.1	18.2	17.8	18.3*	18.7*	19.2*	19.3*	20.9	22.4	24.4	28.0	29.7	30.8	31.2	29.9	30.3	28.6	26.7	25.9	24.3	22.5	22.0	21.5	21.1	23.78	
4	20.4	20.5	19.6	19.3	19.0	18.9	19.0	20.2	21.8	25.8	27.7	29.2	29.5	30.1	30.1	29.1	27.8	25.6	24.4	23.6	22.6	21.6	20.5	20.2	23.60	
5	19.5	18.9	19.0	19.2	19.5	19.4	19.8	20.5	22.0	24.6	26.6	28.0	29.2	29.5	29.6	29.5	27.9	25.9	24.1	22.8	21.1	20.3	20.6*	19.5*	23.19	
6	19.1*	18.8*	18.8*	18.9*	18.8*	18.7*	19.1	21.2	23.5	24.3	25.1	27.4	28.1	29.3	29.3	29.0	28.0	25.8	24.6	22.1	21.8	21.7	21.0	21.5*	23.15	
7	20.5*	19.1*	18.5*	17.7*	18.5*	18.2*	18.6*	20.7	23.1	25.1	26.9	27.5	28.7	29.0	29.3	28.4	27.3	26.7	24.4	23.5	21.6	20.9	20.3	19.7	23.09	
8	19.1	19.0	18.8	19.7	19.3	19.1	19.7	20.9	22.0	24.3	26.0	27.8	28.7	29.1	29.5	29.1	28.1	26.5	24.2*	23.2*	22.0*	21.3	20.8	20.6	23.28	
9	20.0	20.7	19.9	20.4	19.9	19.7	20.9	21.8	23.5	25.0	25.9	27.4	27.7	28.7	29.3	29.2	28.5	26.7	24.3	22.9	22.0	21.5	20.9	20.3	23.63	
10	20.5	20.5	20.1	20.9	20.7	20.6	20.8	22.7	23.7	25.6	26.1	28.2	27.9	28.5	28.8	28.4	27.8	26.3	25.0	24.1	22.2	21.4	20.8	20.9	23.85	
11	19.8	19.5	19.1	19.7	20.1	20.5	21.1	22.5	23.7	25.1	26.6	27.5	28.4	29.0	29.5	29.5	28.6	27.0	24.2*	22.8*	22.0	22.3	22.1	21.8	23.85	
12	21.3	20.5	20.0	18.7	18.0	18.3*	17.8*	20.3	22.0	24.6	26.9	28.6	28.8	29.3	29.3	29.2	27.8	25.4	23.4	23.0	23.0	22.4	20.2	19.0	23.24	
13	17.4	17.4	17.5	17.8	18.1	17.5	17.8	20.9	24.5	28.6	27.3	28.9	29.9	30.1	29.9	28.8	27.7	26.0	22.1	24.6	24.4	22.5	24.5	23.7	23.75	
14	22.8	21.4	19.3	19.1	19.5	19.9	20.4	22.7	23.9	25.0	26.7	27.7	28.2	28.7	27.8	26.5	25.6	24.0	22.3	20.8	19.6	18.8	18.4	18.2	22.80	
15	17.7	17.0	17.0	16.4	16.3	15.6	17.2*	19.9	21.5	23.4	24.3	25.3	24.9	25.2	25.4	25.1	24.5	22.9	21.2	19.8	19.0	18.3	18.4	17.2	20.60	
16	17.3	16.1	15.3	15.0	14.8	14.7	17.1*	19.5	22.5	24.0	25.3	26.2	25.7	25.5	25.6	25.5	24.2	23.3	22.8	21.4	20.6	20.8	19.4	18.0	20.86	
17	17.2	16.2	15.6	15.6	14.7	14.2*	16.0*	19.3	21.6	24.0	25.3	27.0	27.2	27.3	27.2	26.6	25.3	23.7	22.6	22.0	21.7	20.0	19.5	19.3	21.21	
18	17.8	17.2	16.4	17.3	16.4	15.9	15.6	18.4	20.6	23.7	26.1	27.8	28.0	28.0	28.0	27.9	26.8	24.9	23.4	22.5	21.9	21.3	20.4	20.6	22.08	
19	19.8	19.9	18.8	17.5	16.4	16.1	15.8*	18.6	22.4	26.1	28.0	28.8	28.6	28.4	28.4	27.7	26.5	24.6	23.5	23.1	21.7	20.2	19.5	19.3	22.49	
20	19.3	19.3	18.3	18.1	18.1	18.6*	19.4*	20.4*	23.6*	26.2*	27.4*	28.4	28.4	28.6	28.3	28.4	27.0	25.0	23.8	23.0	21.7	21.2	20.9	20.3	23.09	
21	20.9	20.7	20.1	20.3	20.6	20.7	19.9	21.5	24.4	27.0	28.4	29.2	29.8	30.0	30.0	29.2	27.6	26.1	24.0	22.9	22.0	22.0	20.4	19.9	24.07	
22	19.9	19.1	19.5	19.6	19.1	18.8*	19.8*	21.5	24.9	27.3	28.6	30.0	30.0	30.0	29.6	28.6	27.5	25.2	23.7	22.2	21.5	20.7	19.9	18.5	23.56	
23	18.6	18.2	17.6	17.4	17.1	17.4*	19.4	20.3	22.3	25.0	26.6	28.6	28.7	29.4	29.0	28.6	26.9	24.6	23.3	20.2*	20.6*	21.0	20.0	18.3	22.49	
24	18.1*	17.7	17.2	17.0	17.8	18.4*	19.8*	21.3	22.3	22.4	24.2	25.6	26.8	27.4	27.7	27.4	25.7	24.5	23.3	22.7	21.5	20.3	19.8	19.5	22.02	
25	18.9	20.0	19.3	18.7	18.7	18.3	20.4	22.0	23.9	24.2	25.5	26.8	27.8	28.0	28.6	28.5	26.8	25.3	25.6	25.0	23.5	22.0	21.9	21.7	23.39	
26	21.7	21.1	20.5	20.4	20.5	20.1	20.4	22.0	23.8	25.5	26.3	26.9	27.1	26.5	25.4	25.2	24.1	22.8	22.1	20.8*	19.6	19.8	19.8	19.6	22.58	
27	18.9	19.0	18.8	18.2	17.1	15.1*	16.0	16.9	20.4	22.4	24.2	26.4	26.4	26.3	26.6	27.1	26.8	25.9	24.8	23.8	23.0	22.9	23.2	20.6	22.12	
28	18.6	19.0	18.7	18.0	16.9	16.2*	17.0*	21.9	25.2	26.7	28.2	29.0	29.7	29.7	29.8	29.6	29.0	26.9	25.8	25.7	25.4	23.0	22.2	21.2	23.88	
29	20.1	20.3	20.0	19.4	18.3	17.8	19.2	20.4	23.9	25.7	28.3	30.4	31.8	32.0	31.5	30.4	27.8	25.2	24.2	23.5	22.4	21.8	21.8	18.2	23.94	
30	16.8	16.1	15.5	14.9	14.2	13.3	14.5*	15.2	18.3	22.4	24.7	28.0	28.0	28.4	28.1	27.6	25.9	24.2	22.8	22.7	22.5	21.6	20.4	19.6	21.13	
31	18.8	18.4	18.1	16.8	18.5	18.7	19.8*	21.5	23.5	25.7	27.6	28.8	29.5	28.9	27.7	26.8	25.1	24.1	23.3	24.3	21.3	19.9	19.3	19.1	22.74	
Mean	19.27	18.93	18.42	18.24	18.08	17.91	18.63	20.47	22.68	24.97	26.55	28.09	28.56	28.79	28.73	28.27	27.05	25.29	23.46	22.85	21.91	21.11	20.57	19.88	22.86	

Temperature. (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

November, 1900.

Height above ground 2 metres.

DATE	HOURS OF OBSERVATION.																								REMARKS.		
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.		MEAN	
1	18.6	18.2	18.6	18.2	17.3	17.3	17.9	19.9	21.9	24.5	24.7	25.1	25.6	25.4	25.3	24.6	23.4	21.5	20.3	19.8	18.7	18.0	17.6	17.8	20.84		
2	17.3	16.2	15.3	15.3	15.8	16.2	17.4	19.4	21.6	23.1	24.0	24.0	24.1	24.3	24.3	24.1	23.0	20.9	20.2	18.7	17.8	17.0	16.8	15.7	19.68		
3	15.3	15.1	15.9	15.6	15.1	14.6	14.8	17.0	18.1	20.6	21.9	22.9	22.8	23.3	23.3	22.8	22.3	20.6	19.4	18.5	17.7	16.6	16.4	15.7	18.60		
4	15.7	15.1	14.8	14.6	14.4	14.2	15.9	16.9	19.6	23.0	25.5	25.1	24.8	24.5	24.8	24.3	22.6	20.5	18.6	17.5	16.9	16.3	16.0	16.2	19.08		
5	16.0	16.2	15.6	14.8	14.3	15.0	16.1	18.1	20.6	22.8	24.3	25.1	25.0	25.5	25.1	24.7	23.1	21.2	19.4	18.1	17.0	16.1	15.5	15.0	19.36		
6	14.6	14.5	13.5	13.1	13.0	12.4	13.1	16.3	19.2	22.2	23.0	23.7	23.5	23.5	23.5	23.1	21.8	19.6	18.6	18.0	17.1	16.3	15.6	15.4	18.10		
7	15.4	14.8	14.6	14.1	13.7	13.3	14.4	15.8	18.0	20.3	22.3	22.6	23.0	22.9	22.9	22.9	21.9	19.4	18.5	17.4	17.2	17.4	17.4	16.6	18.20		
8	16.0	15.8	15.8	15.6	15.6	14.9	15.7	17.6	19.3	21.4	23.9	24.1	24.5	25.2	25.1	23.6	22.3	20.7	19.8	19.2	18.4	17.5	17.1	16.4	19.40		
9	16.1	15.8	15.5	14.8	14.9	13.7	13.1	16.4	19.0	20.7	22.0	23.1	23.4	22.8	23.4	23.5	22.3	20.4	19.7	19.1	19.2	18.2	17.5	17.5	18.84		
10	17.2	16.3	16.5	17.0	16.3	15.3	15.8	17.6	18.9	20.8	21.3	21.7	22.7	22.7	22.5	22.7	22.5	21.1	19.8	18.9	17.5	16.7	16.6	15.8	14.9	18.60	
11	14.2	13.8	13.4	13.0	12.8	12.7	14.2	16.9	17.3	21.3	23.1	23.9	23.6	24.0	24.2	24.0	22.9	20.8	19.7	19.5	19.1	18.1	16.9	16.3	18.58		
12	15.6	15.2	14.7	14.1	13.4	12.9	13.4	15.0	17.7	21.2	25.0	25.2	25.3	25.4	25.4	25.2	23.9	22.0	20.9	19.2	18.9	17.7	17.7	18.9	19.33		
13	17.3	15.7	14.5	14.0	14.1	13.7	14.0	16.2	19.0	21.4	23.8	24.8	24.9	25.2	25.5	25.6	24.3	21.9	21.0	20.7	18.4	16.8	16.8	16.4	19.42		
14	15.3	14.8	14.6	13.8	13.9	14.4	15.0	14.8	16.9	19.6	22.4	24.1	22.9	23.3	23.2	22.2	21.4	19.8	19.6	19.6	20.0	20.0	19.8	17.5	18.70		
15	15.0	14.8	14.7	15.9	19.0	22.2	23.2	24.7	27.0	30.0	31.6	27.2	27.5	27.2	26.7	25.1	23.1	21.0	19.3	18.2	17.9	16.6	16.1	15.5	21.65		
16	15.2	14.9	15.2	14.9	14.4	14.6	13.6	16.4	19.5	21.6	23.0	23.7	23.1	23.4	23.5	23.0	21.1	18.6	18.0	17.4	17.4	16.5	15.8	14.3	18.29		
17	14.3	14.7	13.0	12.6	12.6	12.1	13.4	15.4	17.1	20.3	21.5	22.5	22.6	22.5	23.8	22.4	21.4	20.2	18.7	17.9	17.2	16.9	16.7	15.9	17.74		
18	16.5	14.8	14.2	13.9	12.5	14.0	14.3	16.8	18.9	20.6	21.8	22.1	22.7	22.6	22.9	22.7	21.3	19.7	19.5	19.0	18.7	18.5	18.0	15.0	18.38		
19	14.8	14.6	14.2	13.7	13.0	12.6	12.6	15.3	19.8	22.3	23.8	23.9	24.6	25.0	25.2	24.9	23.4	22.2	21.7	20.8	20.8	19.6	17.9	16.8	19.31		
20	14.6	13.7	13.7	13.4	12.5	12.5	14.4	16.7	20.0	23.5	24.8	25.0	25.3	26.5	26.6	25.9	23.4	21.1	20.0	18.9	18.2	17.1	16.5	15.9	19.19		
21	14.2	13.7	12.6	12.2	11.8	11.4	11.7	13.4	17.7	22.5	23.8	23.4	23.4	23.6	23.5	22.4	21.1	19.2	18.6	18.3	16.6	16.2	14.1	13.5	17.44		
22	13.3	13.1	13.1	12.0	12.1	11.0	11.1	13.9	16.6	18.7	21.4	22.0	22.5	22.9	23.3	22.6	21.0	18.7	17.0	16.3	15.4	14.7	14.2	13.2	16.67		
23	12.9	12.6	11.8	11.0	10.3	9.9	10.4	11.8	15.0	17.9	21.1	21.9	22.2	22.6	22.8	22.7	20.8	18.0	17.5	16.4	15.1	16.4	15.3	15.3	16.32		
24	15.3	13.4	12.7	11.9	11.3	10.7	10.5	12.5	15.6	18.3	20.0	21.3	21.4	21.7	22.4	23.5	20.5	19.2	17.5	16.6	15.7	15.7	15.6	13.0	16.51		
25	12.6	11.7	10.6	10.5	10.4	10.6	11.6	12.6	17.9	19.4	20.8	21.3	22.0	21.9	21.8	21.8	21.3	18.7	17.5	16.1	15.4	14.6	13.5	12.6	16.13		
26	11.8	11.8	11.7	10.6	10.3	10.0	9.4	14.1	17.6	19.5	20.6	21.1	21.6	21.6	21.5	21.3	18.9	17.7	17.8	17.3	16.5	15.3	15.5	15.7	16.22		
27	16.3	15.9	16.0	16.0	15.3	15.3	14.9	16.8	17.3	18.3	19.6	20.1	20.5	21.0	21.4	21.4	20.2	19.0	18.4	17.9	16.8	17.5	16.8	15.6	17.85		
28	15.6	15.1	14.8	14.5	14.7	14.7	14.4	14.4	17.1	18.2	18.5	21.0	20.7	20.5	20.4	20.4	19.6	18.2	17.5	16.9	16.1	19.5	13.8	12.8	16.91		
29	12.8	11.7	12.3	12.7	13.1	13.5	12.9	15.0	17.0	19.0	19.9	20.4	21.4	21.6	21.6	21.6	19.4	17.6	16.1	16.7	16.7	16.1	12.4	11.4	16.37		
30	10.6	10.1	10.5	9.6	11.2	9.5	9.3	10.1	13.7	18.3	20.7	22.8	22.3	22.6	22.9	22.3	20.7	18.7	17.0	15.4	16.3	16.4	16.8	17.0	16.03		
Mean	15.01	14.47	14.15	13.78	13.64	13.51	13.95	15.93	18.50	21.04	22.66	23.17	23.34	23.51	23.64	23.24	21.78	19.90	18.89	18.10	17.46	16.87	16.20	15.46	18.26		

Temperature (C°).

(Callendar Electric Recorder and Platinum Wire Thermometer).

December, 1900.

Height above ground 2 metres.

DATE	HOURS OF OBSERVATION.																								REMARKS.	
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.		MEAN
1	16.4*	16.8*	16.4*	16.4*	14.8*	20.0*	18.4*	20.4*	22.3	23.5	24.0	24.5	26.1	26.3	26.7	26.7	25.2	24.7	24.5	24.2	23.8	24.2	24.8	25.0	22.17	
2	24.8	24.6	24.0	21.9	19.6	17.3	20.2*	20.3	20.8	21.4	22.9	23.5	24.4	24.9	25.3	25.3	23.0	21.1	20.4	20.0	17.7	18.5	18.5	17.6	21.54	
3	17.2	15.1	14.1	14.1	13.9	13.7	12.4	12.9	16.7	20.8	22.5	23.3	23.4	23.4	23.4	22.9	21.3	19.3	18.2	17.6	16.6	16.5	15.0	14.6	17.87	
4	15.3	15.7	15.2	14.2	13.2	13.6	12.4	13.0	14.3	17.4	21.7	22.6	22.8	22.8	22.6	23.0	21.1	19.2	19.1	19.0	16.2	15.0	14.2	14.1	17.40	
5	13.4	12.5	12.2	11.7	11.7	11.2	11.2	14.7	17.5	19.5	21.0	21.3	22.7	23.2	23.4	23.4	22.4	21.5	20.1	19.8	19.3	18.6	16.5	16.1	17.70	
6	15.7	15.4	14.3	13.9	13.3	13.0	13.4*	13.9	15.2	17.9	20.3	23.9	23.9	24.9	25.0	23.5	22.5	21.7	21.5	18.9	18.8	18.1	17.5	16.6	18.46	
7	16.0	15.9	15.5	15.4	15.0	15.0	15.0	16.8	18.0	18.1	17.4	17.5	18.4	19.7	19.5	18.5	18.0	16.6	16.3	14.6	14.8	14.4	13.7	13.5	16.40	
8	13.0	12.8	12.8	11.8	11.8	11.8	13.2	14.0	14.4	15.8	16.8	18.0	18.2	18.3	18.3	18.4	17.2	15.8	14.6	13.8	13.8	14.2	12.4	13.4	14.82	
9	13.0	12.6	12.4	11.8	10.8	10.4	9.8	12.9	15.1	15.6	15.9	17.8	18.3	19.3	19.7	19.7	18.1	17.1	16.9	16.9	15.4	14.6	14.5	14.2	15.12	
10	13.5	12.7	12.3	12.3	11.6	11.0	10.4	11.5	13.5	16.0	17.7	18.4	19.2	19.4	20.5	20.5	19.2	18.1	17.5	17.3	16.0	14.9	14.7	14.9	15.54	
11	14.1	13.4	12.2	13.8	13.5	12.9	11.9	14.0	14.4	17.2	17.9	18.4	18.6	18.4	18.4	18.0	17.3	16.2	15.4	14.9	15.3	15.5	15.6	15.0	15.51	
12	14.7	14.2	14.2	13.9	13.3	13.3	12.9	12.9	13.5	14.3	14.2	16.4	17.1	17.3	16.9	16.8	16.2	14.8	14.8	14.1	13.4	11.2	11.2	11.6	14.47	
13	14.9	11.2	9.9	8.7	9.2	8.2	9.0	9.9	15.0	15.8	16.6	17.4	17.8	17.3	18.5	19.0	17.1	15.4	14.7	13.6	12.1	12.8	11.5	11.1	13.63	
14	9.6	9.4	9.2	9.0	8.8	8.5	8.3	10.3	12.8	14.6	16.7	17.6	18.9	18.9	18.4	18.4	17.9	15.8	15.3	14.0	13.2	11.6	11.0	10.5	13.27	
15	9.5	8.8	8.9	8.6	8.5	7.8	8.1	10.7	12.8	15.3	17.1	18.3	19.1	19.6	19.4	18.6	18.1	16.2	15.1	13.7	13.6	12.2	11.7	10.5	13.43	
16	10.1	10.9	11.4	12.0	12.6	13.2	11.3*	9.6	12.6	14.5	15.2	19.0	19.1	19.1	19.1	19.0	18.0	16.5	15.5	13.7	13.6	12.9	12.2	11.2	14.26	
17	9.9	9.2	10.0	9.5	9.5	9.9	10.3	11.9	13.9	15.4	16.9	16.6	17.5	16.9	17.0	16.6	14.9	14.4	14.5	15.2	14.8	14.5	13.9	13.4	13.61	
18	13.4	13.4	13.5	13.5	13.4	12.6	13.5	13.3	13.2	13.7	14.0	14.4	14.9	16.7	14.9	14.3	13.4	12.9	12.4	12.7	12.1	12.1	11.7	11.7	13.40	
19	10.8	11.5	11.5	11.4	9.9	10.2	10.5	12.3	12.7	14.8	14.8	14.9	14.7	15.5	14.2	14.6	14.0	12.6*	11.4*	11.7	11.9	12.5	11.4	10.9	12.31	
20	11.0	11.1	11.3	11.3	11.3	11.3	11.3	11.3	12.1	13.2	14.4	15.5	16.6	17.3	17.4	17.1	16.9	15.8	15.0	14.7	14.2	14.2	14.1	14.1	13.87	
21	14.1	13.6	12.4	12.3	11.7	11.5	10.0	11.5	13.3	15.8	16.5	17.5	18.0	17.8	17.6	17.7	16.3	16.0	16.2	16.2	14.3	12.3	11.5	10.9	14.38	
22	9.9	8.8	8.1	7.6	7.8	7.8	7.8	8.5	12.2	14.7	17.4	17.6	17.8	17.8	18.0	17.6	16.2	14.5	14.0	13.0	12.3	11.4	11.2	9.9	12.57	
23	10.9	9.1	9.6	9.0	9.1	9.7	9.8	11.3	11.6	13.0	13.7	13.6	13.2	13.1	13.4	12.6	12.5	12.7	12.0	11.5	10.8	11.1	11.6	11.4	11.51	
24	11.4	11.6	11.8	11.9	11.9	11.6	11.2	10.2*	10.6	11.5	13.4	14.0	16.6	16.6	17.2	14.4	15.7	15.1	14.6	13.9	13.4	12.8	12.7	12.4	13.19	
25	12.4	11.6	11.0	10.9	11.2	11.2	12.3	12.4	13.1	14.1	15.0	15.2	15.4	16.1	16.7	16.4	15.9	14.9	14.4	14.0	13.9	13.8	13.2*	12.6*	13.65	
26	12.3*	11.9*	11.8*	11.6*	11.4*	10.8*	10.4*	11.1	12.6	13.8	14.9	15.8	16.6	17.1	16.8	16.4	15.6	14.6	13.1	12.9	12.4	11.1	10.7	10.7	13.13	
27	10.2	10.3	10.8	10.4	10.1	10.7	10.3	10.9*	12.0	13.1	14.4	15.2	16.2	16.5	17.1	17.0	15.2	14.0	13.4	12.7	12.0	13.1	12.3	12.3	12.93	
28	12.3	12.7	12.2	11.8	11.6	10.9	9.8	10.4	11.4	12.5	14.2	14.8	15.6	17.0	17.2	14.5	15.2	14.7	14.8	14.1	13.5	13.1	12.9	12.6	13.32	
29	12.1	12.0	11.7	10.9	11.8	11.7	10.9	11.0	13.0	13.9	14.8	15.9	16.5	16.7	17.3	16.9	16.7	14.6	13.9	12.7	12.2	12.0	10.9	10.2	13.35	
30	10.5	10.5	9.8	9.8	9.8	9.7	10.7	11.1	13.1	14.6	15.1	16.6	16.3	17.1	17.1	16.6	16.1	14.8	14.0	13.3	12.7	12.3	12.2	12.1	13.14	
31	11.2	10.2	10.2	10.4	10.7	9.1	9.7	9.5	11.1	11.9	13.9	16.1	17.0	17.4	17.1	16.6	15.9	14.9	14.8	14.0	13.4	13.0	12.8	12.4	13.05	
Mean	13.02	12.57	12.22	11.93	11.69	11.60	11.48	12.35	14.01	15.54	16.82	17.74	18.42	18.84	18.86	18.43	17.52	16.32	15.75	15.12	14.44	14.02	13.49	13.15	14.81	

Temperature (C°).

MONTHLY MEANS FOR EVERY HOUR.

MONTH.	HOURS OF OBSERVATION.																							
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.
January...	10.10	9.63	9.28	8.83	8.61	8.22	8.60	8.99	11.56	14.13	15.46	16.87	17.48	18.07	17.88	17.64	16.23	15.12	14.06	13.00	12.31	11.61	11.08	10.61
February...	13.08	12.93	12.39	12.22	12.03	11.79	11.35	12.39	14.11	15.88	17.49	18.80	19.00	19.76	19.41	19.06	18.30	17.28	16.34	15.80	15.20	14.58	14.20	13.85
March.....	14.32	13.75	13.30	12.93	12.59	12.70	14.51	16.21	18.43	20.13	22.00	22.77	23.43	23.63	23.12	22.66	21.59	20.63	18.60	17.90	16.74	16.36	15.50	15.13
April.....	15.99	15.53	15.27	15.00	14.07	14.23	16.23	18.68	20.89	22.96	24.75	25.92	26.74	27.22	27.32	26.61	25.79	24.36	22.16	20.44	19.33	18.05	17.13	16.79
May.....	21.41	21.92	20.61	19.62	17.80	18.76	21.46	23.95	26.31	27.87	29.71	30.97	31.75	32.24	32.20	31.87	30.90	29.51	27.52	25.61	24.70	23.90	23.16	22.69
June.....	22.39	21.55	20.85	20.36	19.93	19.82	22.20	24.51	26.61	28.55	30.15	31.65	32.80	33.59	34.09	34.02	33.60	32.35	30.31	28.32	26.70	25.34	24.23	23.29
July.....	23.12	22.45	21.97	21.56	21.39	21.74	23.86	25.68	27.31	29.01	30.92	32.44	33.67	34.58	34.95	35.07	34.48	33.50	31.21	29.20	27.75	26.45	25.32	24.11
August...	23.70	22.93	22.45	21.98	21.56	21.32	23.02	25.10	27.23	28.94	30.52	31.98	33.00	33.78	34.17	34.10	33.51	32.20	30.03	28.20	26.77	26.25	25.22	24.38
September.	19.97	19.64	19.13	18.73	18.52	18.52	19.84	22.15	24.27	25.84	27.34	28.50	29.25	29.63	29.62	29.42	28.61	26.85	25.04	23.64	22.51	21.93	21.16	20.53
October...	19.27	18.93	18.42	18.24	18.08	17.91	18.63	20.47	22.68	24.97	26.55	28.89	28.56	28.79	28.73	28.27	27.05	25.29	23.46	22.85	21.91	21.11	20.57	19.88
November.	15.01	14.47	14.15	13.78	13.64	13.51	13.95	15.93	18.50	21.04	22.66	23.17	23.34	23.51	23.64	23.24	21.78	19.90	18.89	18.10	17.46	16.87	16.20	15.46
December.	13.02	12.67	12.22	11.92	11.69	11.60	11.43	12.35	14.01	15.54	16.82	17.79	18.42	18.84	18.86	18.42	17.52	16.32	15.75	15.12	14.44	14.02	13.49	13.15
MEAN....	17.62	17.19	16.68	16.27	15.80	15.80	17.09	18.87	20.99	22.91	24.53	25.75	26.45	26.98	27.00	26.70	25.78	24.44	22.78	21.52	20.49	19.71	18.94	18.22

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

January ..	-3.65	-3.12	-3.47	-3.92	-4.14	-4.53	-4.15	-3.76	-1.19	+1.38	+2.71	+4.12	+4.73	+5.32	+5.13	+4.89	+3.48	+2.37	+1.31	+0.25	-0.44	-1.14	-1.67	-2.14	..
February ..	-3.24	-2.89	-2.93	-3.10	-3.27	-3.53	-3.97	-2.93	-1.21	+0.56	+2.17	+3.48	+3.68	+4.44	+4.09	+3.74	+2.98	+1.96	+1.02	+0.48	-0.12	-0.74	-1.12	-1.47	..
March....	-3.55	-4.12	-4.57	-4.94	-5.28	-5.17	-3.36	-1.66	+0.56	+2.26	+4.13	+4.90	+5.56	+5.81	+5.25	+4.79	+3.72	+2.76	+0.73	+0.03	-1.15	-1.57	-2.37	-2.74	..
April	-4.51	-4.97	-5.23	-5.50	-6.43	-6.27	-4.27	-1.82	+0.39	+2.45	+4.25	+5.42	+6.24	+6.72	+6.82	+6.11	+5.29	+3.86	+1.66	-0.06	-1.17	-2.45	-3.37	-3.71	..
May.....	-4.29	-3.78	-5.09	-6.08	-7.90	-6.94	-4.24	-1.75	+0.61	+2.17	+4.01	+5.27	+6.05	+6.54	+6.50	+6.17	+5.20	+3.81	+1.82	-0.09	-1.00	-1.80	-2.54	-3.01	..
June	-4.58	-5.42	-6.02	-6.61	-7.64	-7.15	-4.77	-2.46	+0.36	+1.58	+3.18	+4.68	+5.83	+6.62	+7.12	+7.05	+6.63	+5.38	+3.34	+1.35	-0.27	-1.63	-2.74	-3.68	..
July.....	-4.37	-5.54	-6.02	-6.43	-6.60	-6.25	-4.13	-2.31	+0.68	+1.02	+2.93	+4.45	+5.68	+6.59	+6.96	+7.08	+6.49	+5.51	+3.22	+1.21	-0.24	-1.54	-2.67	-3.88	..
August ...	-3.90	-4.67	-5.15	-5.62	-6.04	-5.28	-4.58	-2.50	-0.37	+1.34	+2.92	+4.38	+5.40	+6.18	+6.57	+6.50	+5.91	+4.60	+2.43	+0.60	-0.83	-1.35	-2.38	-3.22	..
September.	-3.81	-4.14	-4.65	-5.05	-5.26	-3.94	-1.63	+0.49	+2.06	+3.56	+4.72	+5.47	+5.90	+5.84	+5.64	+4.83	+3.07	+1.26	-0.14	-1.27	-1.85	-2.62	-3.25	..	
October...	-3.59	-3.93	-4.44	-4.62	-4.78	-4.95	-4.23	-2.39	+0.18	+2.11	+3.69	+5.23	+5.70	+5.93	+5.87	+5.41	+4.19	+2.43	+0.60	-0.01	-0.95	-1.75	-2.29	-2.98	..
November.	-3.25	-3.79	-4.11	-4.48	-4.62	-4.75	-4.31	-2.33	+0.24	+2.78	+4.40	+4.91	+5.08	+5.25	+5.38	+4.98	+3.52	+1.64	+0.63	-0.16	-0.80	-1.39	-2.06	-2.80	..
December.	-1.79	-2.24	-2.59	-2.88	-3.12	-3.21	-3.33	-2.46	-0.80	+0.73	+2.01	+2.98	+3.61	+4.03	+4.05	+3.61	+2.71	+1.51	+0.94	+0.31	-0.37	-0.79	-1.32	-1.66	..
MEAN	-3.50	-4.01	-4.52	-4.94	-5.40	-5.36	-4.11	-2.53	-0.21	+1.73	+3.33	+4.55	+5.25	+5.78	+5.80	+5.50	+4.58	+3.24	+1.58	+0.32	-0.72	-1.50	-2.26	-2.88	..

Barometric Pressure.

(in millimetres)

January, 1900.

33 metres above Sea-level.

DATE	HOURS OF OBSERVATION.																									
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	764.9	764.8	764.6	764.4	764.3	764.3	764.6	764.9	764.5	764.1	764.6	765.2	764.5	763.9	763.9	763.8	763.7	763.7	764.1	764.5	764.5	764.5	764.5	764.5	764.5	764.4
2	764.4	64.3	64.3	64.3	64.3	64.2	64.5	64.8	65.0	65.1	64.9	64.6	64.2	63.8	63.6	63.5	63.5	63.6	63.8	64.1	64.4	64.4	64.5	64.5	64.2	
3	764.8	64.8	64.7	64.7	64.6	64.6	64.6	64.7	65.0	65.3	65.1	65.0	64.5	64.1	64.0	63.9	63.9	63.9	64.0	64.1	64.2	64.3	64.3	64.3	64.1	
4	764.6	64.5	64.5	64.5	64.5	64.5	64.6	64.7	65.0	65.2	65.2	65.1	64.7	64.4	64.4	64.5	64.5	64.6	64.8	65.1	65.1	65.2	65.2	65.2	64.8	
5	765.8	65.8	65.9	66.0	66.0	66.0	66.5	66.9	67.2	67.6	67.6	67.6	67.1	66.6	66.6	66.6	66.6	66.6	66.9	67.4	67.5	67.6	67.6	67.6	66.7	
6	767.6	67.6	67.7	67.8	67.8	67.9	68.2	68.4	68.7	68.9	68.7	68.5	68.1	67.6	67.8	67.0	66.9	66.8	67.0	67.1	67.2	67.4	67.3	67.2	67.7	
7	766.6	66.5	66.4	66.2	66.2	66.2	66.2	66.2	66.3	66.4	66.9	65.3	64.7	64.1	64.1	64.1	64.0	63.9	64.0	64.0	63.9	63.6	63.4	64.2		
8	761.5	61.5	61.1	60.7	60.6	60.5	60.6	60.7	60.7	60.7	60.2	59.7	59.2	58.7	58.5	58.3	58.1	57.9	57.8	57.7	57.7	57.7	57.7	59.3		
9	757.4	57.3	57.3	57.4	57.1	56.9	57.2	57.6	57.8	58.0	57.8	57.6	57.4	57.3	57.2	57.1	57.3	57.4	57.5	57.6	58.1	58.6	58.6	58.6	57.6	
10	758.6	58.6	58.5	58.6	58.6	58.6	58.8	59.0	59.4	59.8	59.8	59.8	59.5	59.2	58.9	58.6	58.6	58.6	58.7	58.8	58.7	58.6	58.8	60.0	59.9	
11	761.0	60.8	60.8	60.8	60.7	60.8	60.8	61.1	61.6	62.0	62.2	62.4	61.9	61.4	61.3	61.2	61.2	61.3	61.5	61.7	61.9	62.2	62.2	62.3	61.5	
12	762.4	62.2	62.2	62.1	62.4	61.8	62.0	62.3	62.5	62.8	63.0	63.1	62.6	62.1	62.3	62.5	62.5	62.5	62.5	62.5	62.7	62.8	63.0	63.2	62.5	
13	762.6	62.4	62.4	62.5	62.4	62.2	62.4	62.5	62.5	62.5	61.8	61.1	60.6	60.0	60.0	59.9	59.9	59.9	59.9	60.3	60.7	60.7	60.6	61.3		
14	761.1	61.0	60.8	60.8	60.7	60.9	61.1	61.3	62.2	63.1	62.8	62.5	62.4	62.4	62.5	62.6	62.8	63.1	63.5	63.9	64.3	64.6	64.5	64.5	60.6	
15	760.9	60.7	60.7	60.7	60.8	60.9	61.1	61.3	62.2	63.1	62.8	62.5	62.5	62.4	62.5	62.6	62.8	63.1	63.6	63.9	64.2	64.6	64.5	64.5	62.6	
16	764.6	64.4	64.3	64.3	64.4	64.5	64.7	64.9	65.2	65.4	65.3	65.2	64.7	64.2	64.0	63.9	64.0	64.1	64.4	64.7	64.7	64.7	64.7	64.8	64.6	
17	765.0	65.0	65.0	64.9	64.8	64.7	64.6	64.4	64.6	64.8	64.9	64.9	64.5	64.0	63.6	63.1	63.0	62.9	63.0	63.0	63.1	63.3	63.6	63.9	64.1	
18	764.3	64.2	64.1	64.1	64.2	64.3	64.3	64.5	64.8	65.0	65.3	65.0	64.7	64.7	64.8	64.8	64.8	64.8	65.0	65.3	65.4	65.4	65.3	64.8	64.8	
19	764.7	64.5	64.4	64.2	64.2	64.2	64.3	64.4	64.8	65.1	64.6	64.2	63.8	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.8	63.9	63.9	63.9	64.1	
20	763.9	63.8	63.7	63.7	63.7	63.7	63.9	64.0	64.2	64.4	63.9	63.5	62.9	62.3	62.1	61.8	61.8	61.8	62.0	62.1	62.1	62.1	62.0	62.0	62.9	
21	761.6	61.6	61.6	61.6	61.5	61.4	61.2	61.0	61.1	61.2	60.9	60.6	60.6	59.4	59.1	58.8	59.0	59.1	59.2	59.4	59.3	59.2	59.2	59.2	60.2	
22	760.4	60.4	60.2	60.0	59.6	59.3	59.3	59.4	60.0	60.5	60.7	60.0	59.6	59.3	60.8	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.1	
23	759.5	59.4	59.3	59.1	59.1	59.0	59.1	59.1	59.1	59.1	58.9	58.7	58.5	58.3	58.3	58.3	58.3	58.4	58.8	59.2	59.7	60.1	60.1	60.1	59.1	
24	760.4	60.4	60.3	60.3	60.4	60.5	60.8	61.1	61.4	61.7	61.7	61.8	61.4	60.9	61.0	61.0	61.0	61.1	61.5	61.9	62.3	62.6	62.7	62.7	61.3	
25	763.5	63.5	63.5	63.5	63.6	63.8	64.3	64.8	65.1	65.4	65.4	65.4	64.9	64.4	64.3	64.3	64.4	64.4	64.7	65.1	65.3	65.5	65.5	65.5	64.6	
26	765.3	65.3	65.3	65.2	65.0	64.7	64.8	64.9	64.9	65.0	65.0	65.0	64.6	64.2	63.8	63.5	63.3	63.1	63.0	63.0	63.1	63.1	62.9	62.8	64.2	
27	761.4	61.4	60.1	60.8	60.2	59.7	59.8	60.0	60.0	60.0	59.5	59.0	58.4	57.8	57.5	57.3	57.4	57.5	57.5	57.6	57.6	57.6	57.5	58.8		
28	758.2	58.0	57.9	57.8	57.8	57.9	58.2	58.6	59.2	59.8	59.8	59.8	59.6	59.4	59.7	60.0	60.4	60.9	61.4	62.0	62.1	62.3	62.5	62.8	59.9	
29	763.5	63.3	63.4	63.5	63.9	64.2	64.5	64.8	65.2	65.7	65.6	65.6	65.1	64.7	64.6	64.5	64.5	64.5	64.6	64.7	64.7	64.7	64.7	64.6	64.6	
30	763.6	63.4	63.3	63.2	63.0	62.8	62.8	62.9	62.9	62.9	62.1	61.7	61.3	60.8	60.7	60.7	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	61.7	
31	762.4	62.3	61.1	60.9	60.9	61.0	61.2	61.5	61.8	62.2	62.1	62.0	61.6	61.1	60.9	60.7	60.6	60.5	60.5	60.6	60.7	60.8	61.4	61.1	61.2	
Mean	762.79	62.63	62.56	62.52	62.49	62.44	62.61	62.66	63.04	63.31	63.17	62.99	62.59	62.15	62.13	62.06	62.08	62.08	62.25	62.43	62.56	62.60	62.60	62.60	62.56	

Barometric Pressure.

(in millimetres)

February, 1900.

33 metres above Sea-level.

HOURS OF OBSERVATION.																											
DATE	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN		
1	761.0	760.9	760.8	760.8	760.8	760.8	761.8	761.8	761.8	761.8	761.5	761.2	760.8	760.4	760.3	760.2	760.2	760.2	760.4	760.5	760.6	760.8	760.9	761.0	760.81		
2	761.9	61.6	61.4	61.1	61.1	61.1	61.4	61.8	61.9	61.9	62.0	62.1	61.2	60.8	60.2	60.2	60.4	60.7	60.9	61.1	61.1	61.1	60.7	60.4	61.12		
3	759.5	59.4	58.9	58.5	58.8	59.1	59.4	59.6	59.9	60.2	60.1	60.0	58.7	58.6	57.8	57.1	56.8	56.7	56.7	56.7	56.9	57.0	57.3	57.5	58.37		
4	757.4	57.4	57.4	57.3	56.9	56.5	57.1	58.0	58.1	58.2	58.0	57.5	57.1	56.8	57.9	58.9	58.2	57.6	58.0	58.5	58.5	58.6	58.7	57.67			
5	758.7	58.6	58.6	58.6	58.6	58.6	59.1	59.6	59.8	59.9	58.9	58.2	57.9	57.6	57.5	57.5	57.5	57.5	57.6	57.7	57.9	58.1	58.0	58.32			
6	758.3	58.5	58.4	58.3	58.4	58.5	58.6	58.8	59.0	59.1	58.4	57.6	57.6	57.6	57.3	57.0	57.1	57.3	57.6	57.8	57.9	59.0	58.8	58.7	58.18		
7	757.7	57.5	57.3	57.1	57.1	57.2	57.5	57.8	58.2	58.7	58.7	58.8	58.6	58.5	58.5	58.6	58.9	59.3	59.8	60.3	60.5	60.8	61.0	61.3	59.82		
8	762.1	61.9	62.0	62.1	62.4	62.6	63.2	63.9	64.3	64.3	64.6	64.4	64.0	63.7	63.5	63.3	63.5	63.7	63.9	64.2	64.4	64.5	64.4	64.2	63.61		
9	764.4	64.3	64.1	64.0	64.0	64.0	64.1	64.1	64.2	64.2	64.1	60.0	61.0	62.1	61.8	61.6	61.7	61.8	61.9	62.0	62.0	62.0	61.7	61.4	62.90		
10	759.6	59.6	59.5	59.3	59.3	59.4	59.4	59.4	59.4	59.3	58.7	58.0	57.6	57.2	57.3	57.3	57.7	58.0	58.3	58.7	59.0	59.2	59.2	59.3	58.72		
11	759.2	59.1	59.1	59.2	59.3	59.3	59.3	59.3	59.5	59.7	59.2	58.8	58.3	57.9	57.6	57.3	57.2	57.2	57.1	57.0	56.6	56.1	55.5	55.0	58.00		
12	753.8	53.8	53.9	54.0	55.3	56.4	56.8	57.2	57.8	58.4	58.6	58.8	58.5	58.3	58.3	58.3	58.4	58.5	58.8	59.1	59.3	59.5	59.6	59.7	57.66		
13	759.6	59.6	59.6	59.6	59.6	59.6	60.0	60.4	60.5	60.5	60.2	59.8	59.4	59.1	59.0	58.9	59.0	59.0	59.2	59.3	59.3	59.3	59.2	59.1	59.52		
14	758.5	58.3	58.2	58.0	58.0	58.0	58.0	57.9	57.7	57.5	57.0	56.5	56.0	55.6	55.3	55.0	55.0	55.0	55.0	55.0	55.3	55.6	55.7	55.8	56.42		
15	756.5	56.3	56.1	56.0	56.1	56.3	56.4	56.6	56.4	56.3	55.9	55.5	55.0	54.5	54.4	54.3	54.3	54.2	54.0	53.9	54.0	54.1	54.0	54.0	53.17		
16	754.2	54.1	54.1	54.1	54.4	54.6	54.9	55.3	55.5	55.9	55.7	55.5	55.0	54.4	54.3	54.2	54.3	54.4	54.7	55.0	55.1	55.2	55.1	55.1	54.80		
17	755.1	55.1	54.6	54.1	55.0	56.0	56.4	56.8	57.3	58.0	57.8	57.6	57.5	57.5	57.7	58.0	58.4	58.8	59.2	59.6	59.9	60.2	60.1	60.1	58.15		
18	760.2	60.1	60.1	60.2	60.4	60.5	60.5	60.6	60.6	60.6	60.0	59.3	58.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.1	58.1	57.5	57.0	59.10		
19	756.3	56.3	55.9	55.5	55.5	55.5	55.7	55.8	56.3	56.7	56.6	56.5	56.1	55.8	55.8	55.9	56.2	56.5	56.8	57.2	57.5	57.8	57.9	58.0	55.96		
20	758.1	58.0	58.1	58.2	58.4	58.7	59.2	59.5	59.6	59.8	59.7	59.7	59.6	59.5	59.5	59.6	59.9	60.3	60.9	61.5	61.8	62.1	62.2	62.3	60.43		
21	762.9	62.8	62.8	62.8	62.9	63.0	63.5	64.0	64.0	64.0	63.8	63.6	60.3	59.6	59.0	58.5	58.1	58.0	57.9	57.4	57.0	56.4	55.9	55.5	55.1	62.60	
22	753.7	53.7	53.6	53.5	53.6	53.6	54.0	54.4	54.8	55.1	54.9	54.4	53.9	53.5	53.4	53.3	53.6	54.0	54.3	54.6	54.7	54.7	54.6	54.6	54.12		
23	754.6	54.4	54.3	54.2	54.3	54.7	54.2	53.7	53.8	53.9	53.4	53.0	52.8	52.7	52.9	52.9	53.0	53.5	54.0	54.1	54.2	54.2	54.2	54.2	53.61		
24	754.9	54.7	54.8	54.8	55.1	55.5	56.0	56.5	56.6	56.7	56.6	56.5	56.4	56.4	56.4	56.4	56.6	56.8	57.1	57.5	57.6	57.7	57.7	57.7	56.43		
25	757.3	57.2	57.2	57.2	57.5	57.8	57.8	57.9	57.9	57.9	57.9	57.9	56.7	55.5	55.8	56.1	56.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	56.77		
26	757.9	57.7	57.6	57.5	57.6	57.7	58.0	58.3	58.5	58.7	58.7	58.7	58.6	58.5	58.5	58.5	58.7	58.9	59.3	59.7	60.1	60.4	60.4	60.5	59.36		
27	761.0	60.8	60.8	60.8	61.0	61.1	61.2	62.2	62.6	62.9	62.9	62.9	62.5	62.1	62.1	62.1	62.3	62.4	62.7	62.9	63.0	63.0	63.0	63.0	62.48		
Mean	758.33	58.21	58.12	58.03	58.21	58.37	58.65	59.04	59.21	59.37	59.10	58.68	58.19	57.82	57.76	57.73	57.84	57.97	58.17	58.38	58.47	58.60	58.52	58.48	58.40		

Barometric Pressure.

(in millimetres)

March, 1900.

33 metres above Sea-level.

HOURS OF OBSERVATION.																										
DATE	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	763.8	763.5	763.5	763.4	763.4	763.5	763.7	763.9	764.2	764.4	764.2	764.1	763.8	763.5	763.5	763.5	763.5	763.5	763.5	763.5	763.5	763.5	763.6	763.7	763.22	
2	763.1	63.1	63.1	63.2	63.3	63.4	63.7	64.0	64.0	64.0	63.7	63.4	63.2	63.0	62.6	62.7	62.8	62.6	62.7	62.8	62.7	62.6	62.6	62.5	63.11	
3	764.3	64.2	64.0	63.8	63.8	63.9	63.9	64.0	64.0	64.0	63.6	63.3	62.8	62.3	61.5	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	62.63	
4	758.5	58.5	58.3	58.1	58.0	57.9	57.8	57.7	57.4	57.0	56.5	56.0	55.5	55.0	54.9	54.8	54.5	54.2	54.5	54.8	54.5	54.2	53.6	53.0	56.50	
5	752.1	52.0	52.6	53.1	54.3	55.5	56.3	57.0	57.3	57.6	57.8	58.1	58.1	58.0	58.1	58.1	58.6	59.0	59.6	60.2	60.5	60.7	60.9	61.0	57.35	
6	761.0	61.0	61.0	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.1	60.2	59.8	59.5	59.5	59.5	59.2	58.9	58.8	58.6	58.5	58.3	58.2	58.1	59.92	
7	758.0	58.0	57.6	57.1	57.1	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.0	56.9	56.9	56.9	56.9	57.0	57.5	58.0	58.0	58.0	58.0	58.1	57.34	
8	757.6	57.5	57.5	57.5	57.5	57.6	57.6	57.5	57.6	57.6	57.8	58.0	57.9	57.7	57.6	57.5	57.8	58.0	58.8	59.5	60.0	60.5	60.7	60.8	57.30	
9	760.6	60.4	60.4	60.3	60.6	60.9	61.4	61.9	61.9	61.9	61.6	61.3	61.1	60.9	60.8	60.7	60.8	61.0	61.0	61.0	61.1	61.2	61.2	61.2	61.05	
10	761.5	61.5	61.5	61.5	61.6	61.7	61.7	61.8	61.7	61.5	61.6	61.7	61.3	61.0	60.9	60.8	60.8	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.28	
11	761.1	61.0	61.0	61.0	61.0	61.2	61.2	61.3	61.4	61.5	61.7	61.9	60.7	60.5	60.7	60.8	60.6	61.5	62.0	62.5	62.5	62.5	62.5	62.5	61.44	
12	762.2	62.0	62.4	61.8	61.8	61.9	62.0	62.1	62.1	62.1	62.2	62.3	62.1	62.0	61.8	61.6	61.8	62.0	62.3	62.7	63.0	63.2	63.3	63.3	62.26	
13	762.7	62.7	62.5	62.3	62.5	62.7	63.0	63.4	63.8	64.2	64.5	63.7	62.7	61.8	61.6	61.4	61.7	60.8	60.8	60.8	61.1	61.5	61.0	60.6	62.24	
14	762.9	62.9	62.7	62.5	62.5	62.5	62.7	62.9	62.9	62.9	62.7	62.5	61.6	60.8	60.4	60.0	60.0	59.8	59.8	59.9	60.2	60.3	60.2	60.2	61.62	
15	762.2	62.0	61.8	61.6	61.6	61.6	61.7	61.8	61.9	62.0	61.9	61.8	60.6	59.7	59.9	59.9	59.9	58.1	59.0	59.9	60.3	60.7	60.8	60.9	60.46	
16	760.1	60.1	60.0	59.8	59.8	59.9	59.9	59.9	59.9	61.0	61.0	59.7	59.7	59.7	58.0	56.2	57.1	58.1	59.3	59.9	60.3	60.7	60.8	60.9	59.70	
17	760.9	60.9	60.9	61.0	61.0	61.0	61.4	61.8	62.3	62.9	62.5	62.1	62.0	61.8	61.7	61.6	61.8	62.0	62.3	62.7	62.8	62.9	62.8	62.8	61.91	
18	762.4	62.3	62.3	62.2	62.4	62.7	62.8	63.0	63.0	63.1	62.6	62.0	61.0	60.5	60.3	60.2	60.2	60.2	60.2	60.3	60.4	60.5	60.4	60.3	61.47	
19	759.9	59.7	59.3	58.9	58.9	58.8	58.8	58.9	58.7	58.4	57.9	57.3	56.7	56.0	55.5	55.1	55.0	55.0	55.0	55.0	54.8	54.7	55.0	55.2	57.00	
20	756.5	56.5	56.5	56.5	57.2	58.0	58.2	58.4	58.3	58.2	57.8	57.3	57.2	57.2	57.2	57.3	57.3	57.4	58.1	58.8	58.7	59.0	58.9	58.9	56.98	
21	758.8	58.7	58.6	58.5	58.6	58.6	59.9	59.0	59.0	59.1	58.8	58.5	58.4	58.2	58.0	57.5	57.7	57.8	58.1	58.4	58.0	59.2	59.1	59.1	58.53	
22	759.1	58.9	58.7	58.6	58.9	59.1	59.3	59.4	59.4	59.5	59.4	59.3	58.9	58.5	58.5	58.4	58.4	58.3	58.4	58.5	57.9	59.7	59.4	59.0	58.94	
23	759.2	59.1	59.1	59.0	59.1	59.2	59.5	59.7	59.8	59.9	59.6	59.3	58.6	57.9	57.3	56.8	56.8	56.8	57.1	57.5	57.2	58.0	58.0	57.9	58.43	
24	756.7	56.5	56.4	56.3	56.4	56.5	57.1	57.6	57.5	57.4	57.4	57.3	57.0	56.7	56.5	56.4	56.3	56.6	56.9	57.2	57.5	57.8	57.6	57.4	56.97	
25	757.4	57.3	57.3	57.4	57.8	58.2	58.1	58.0	57.8	57.7	57.4	57.2	56.7	56.2	56.2	56.2	56.1	56.1	56.3	56.5	56.5	56.5	56.2	56.0	56.96	
26	756.4	56.3	56.1	55.9	56.2	56.4	56.6	56.8	57.2	57.5	57.4	57.3	57.3	57.3	57.3	57.3	57.4	57.6	58.5	59.5	59.5	59.5	59.8	60.1	57.55	
27	757.7	57.5	57.2	57.0	57.3	57.7	57.9	58.1	58.5	58.9	58.9	59.0	59.0	59.0	59.0	58.9	58.9	59.0	59.3	59.7	60.0	60.2	60.6	61.0	58.75	
28	761.3	61.6	61.6	61.5	61.6	61.7	62.1	62.5	62.5	62.6	62.3	62.0	61.3	60.7	60.7	60.7	60.4	60.1	60.0	60.2	60.4	60.7	61.0	61.25		
29	761.3	61.2	61.0	60.8	60.0	59.3	59.3	59.3	59.3	59.4	59.1	58.9	58.1	57.3	56.9	56.4	56.3	56.5	56.8	57.0	57.0	57.1	57.0	56.8	58.46	
30	755.4	55.5	55.2	54.9	54.9	54.9	55.2	55.5	55.7	55.9	55.9	56.0	56.0	56.0	56.6	57.3	57.6	58.0	58.0	58.1	58.2	58.4	58.4	58.5	56.71	
31	759.3	59.1	58.8	58.6	58.8	59.0	59.2	59.5	59.9	60.2	59.9	59.5	58.7	57.8	57.6	57.4	57.4	57.4	57.9	58.3	58.4	58.6	58.3	58.1	58.68	
Mean	759.82	59.78	59.68	59.52	59.67	59.78	59.95	60.13	60.23	60.30	60.18	59.94	59.51	59.15	58.87	58.60	58.79	58.89	59.04	59.14	59.42	59.72	59.70	59.65	759.55	

Barometric Pressure.

(in millimetres)

April, 1900.

33 metres above Sea-level.

DATE	HOURS OF OBSERVATION.																									
	1	2	3	4	5	6	7	8	9	10	11 ✓	Noon	13	14 ✓	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN.	
1	756.8	756.7	756.3	756.0	755.8	755.8	755.8	755.8	755.8	755.8	755.4	755.1	754.3	753.7	753.1	752.6	752.4	752.1	751.9	751.8	751.7	751.7	751.7	751.8	754.16	
2	752.2	52.2	51.9	51.7	51.7	51.6	52.3	53.1	55.0	56.9	56.4	56.0	56.0	55.9	56.0	56.0	56.5	57.0	57.7	58.7	58.9	59.2	59.2	59.3	55.48	
3	758.5	58.3	58.4	58.4	58.8	59.2	59.7	60.1	60.3	60.4	60.4	60.4	60.0	59.7	59.3	59.0	58.9	58.8	59.3	59.7	59.9	60.2	60.2	60.2	59.50	
4	751.9	60.9	60.7	60.6	60.7	60.8	60.8	60.7	60.6	60.5	60.2	60.0	59.6	59.2	59.1	58.9	59.1	59.3	59.5	59.6	60.0	60.5	60.4	60.3	60.13	
5	759.0	59.0	58.4	57.9	58.0	58.1	58.3	58.5	58.4	58.3	58.1	58.0	58.1	58.2	58.1	58.0	57.9	57.8	57.6	57.5	57.5	57.5	57.5	57.5	58.05	
6	757.5	57.5	57.0	57.5	57.2	57.0	56.9	56.9	56.9	56.9	57.2	57.5	57.0	56.5	57.4	58.4	56.9	55.4	55.6	56.0	56.1	56.2	56.1	55.9	56.84	
7	756.1	56.0	55.8	55.7	55.6	55.6	55.6	55.6	55.2	54.8	54.3	53.8	53.0	52.3	52.0	51.8	51.7	51.7	51.5	51.4	52.2	52.9	52.9	53.0	53.35	
8	752.9	52.7	53.7	55.4	56.9	58.4	59.5	60.5	61.0	61.4	61.6	61.8	61.4	61.0	61.0	60.9	61.0	61.5	62.0	62.2	62.4	62.4	62.4	62.5	59.80	
9	761.7	61.6	61.5	61.4	61.4	61.3	61.2	61.1	60.0	59.0	58.8	58.5	58.0	57.5	57.0	56.6	56.5	56.4	56.4	56.4	56.3	56.3	56.0	55.0	58.60	
10	756.1	55.9	55.7	55.3	55.2	55.1	55.1	55.2	55.2	55.2	55.0	54.7	54.1	53.6	53.3	52.9	53.0	53.1	53.9	54.7	55.7	56.8	57.1	57.5	54.98	
11	757.7	57.7	57.9	58.0	58.1	58.1	58.6	59.3	59.5	59.7	59.3	59.0	58.6	58.3	58.1	57.9	58.0	58.1	58.9	59.7	59.7	59.7	59.6	59.5	58.71	
12	759.4	59.2	59.1	59.1	59.3	59.4	59.5	60.3	60.4	60.5	60.2	60.0	59.7	59.5	59.2	59.0	58.7	58.5	58.7	58.9	59.1	59.3	59.3	59.3	59.40	
13	758.3	58.3	59.0	59.2	60.1	61.0	61.4	61.9	62.0	62.1	62.0	62.0	61.9	61.7	61.5	61.4	61.4	61.5	62.3	63.2	63.5	63.8	63.7	63.7	61.70	
14	763.6	63.5	63.5	63.5	63.6	63.8	64.2	64.6	64.1	63.7	63.7	63.7	63.6	63.5	63.5	63.5	63.7	63.8	64.1	64.5	64.5	64.5	64.0	63.4	63.81	
15	763.0	63.0	62.7	62.4	62.4	62.4	63.0	63.7	63.8	63.9	63.8	63.8	63.2	62.7	62.2	61.8	61.6	61.4	61.4	61.4	61.7	62.0	61.9	61.8	62.54	
16	760.7	60.6	60.4	60.2	60.5	60.8	60.9	61.0	60.8	60.7	60.7	60.3	60.1	59.8	59.3	59.1	59.0	59.0	59.7	60.4	60.9	61.3	61.3	61.4	60.60	
17	761.9	62.0	62.0	62.0	62.1	62.3	62.5	62.7	62.7	62.8	62.6	62.5	62.2	62.0	61.7	61.4	61.4	61.4	61.6	61.9	62.9	63.1	63.1	63.3	62.26	
18	761.9	62.0	62.0	62.0	62.1	62.3	62.5	62.7	62.7	62.8	62.6	62.5	62.2	62.0	61.7	61.4	61.4	61.4	61.6	61.9	62.9	63.1	63.1	63.3	62.26	
19	763.0	63.1	63.1	63.1	63.1	63.2	63.6	64.1	64.1	64.1	63.8	63.5	63.2	62.9	62.5	62.2	62.6	62.8	63.3	64.1	64.3	64.5	64.5	64.6	63.47	
20	764.1	64.0	64.0	64.0	64.1	64.2	64.2	64.3	64.3	64.3	64.1	63.9	63.4	62.9	62.7	62.8	62.7	62.8	63.1	63.5	63.8	64.1	64.1	64.2	63.73	
21	764.2	63.9	64.0	64.0	64.1	64.0	64.0	64.0	64.0	64.0	63.5	63.1	62.5	61.8	61.5	61.3	61.4	61.5	61.7	62.0	62.1	62.2	62.2	62.1	62.88	
22	761.0	60.9	60.8	60.8	60.9	61.0	61.1	61.1	61.0	60.9	60.5	60.1	59.7	59.2	58.5	57.8	57.8	57.9	58.0	58.2	58.5	58.8	58.7	58.7	59.67	
23	758.9	58.7	58.6	58.6	58.6	58.6	58.6	58.6	58.2	57.9	57.3	56.8	56.4	56.0	55.7	55.0	54.9	54.8	54.8	54.9	55.0	55.1	55.5	56.0	56.81	
24	755.1	55.0	54.5	54.1	53.7	53.5	53.7	54.0	54.7	55.4	55.7	56.1	56.5	57.0	57.3	57.6	57.9	58.3	58.8	59.3	59.6	59.9	59.9	59.8	56.71	
25	759.6	59.7	59.7	59.7	59.7	59.7	59.9	60.2	60.6	60.9	60.8	60.7	60.3	60.0	59.8	59.6	59.6	59.6	60.1	60.6	61.1	61.7	61.8	62.0	60.28	
26	762.0	61.9	62.0	62.0	62.1	62.3	62.7	63.0	63.0	63.1	61.8	60.5	60.8	61.2	61.2	61.2	61.3	61.5	61.6	61.8	61.9	62.1	62.0	62.0	61.88	
27	761.6	61.3	61.1	60.9	61.2	61.6	61.7	61.8	61.3	61.9	61.7	61.5	60.9	60.3	60.0	59.7	59.6	59.6	59.7	59.9	59.9	59.9	59.6	59.4	60.69	
28	758.5	58.4	58.2	58.1	58.0	58.0	58.1	58.3	58.5	58.4	58.3	58.1	57.7	57.3	56.8	56.3	56.3	56.3	56.5	56.8	57.3	57.7	58.0	58.3	57.67	
29	758.2	58.3	58.2	58.1	58.2	58.2	58.5	58.8	59.0	59.2	59.0	58.9	58.6	58.3	58.0	57.6	57.5	57.5	58.0	58.3	58.5	58.8	58.6	58.5	58.37	
30	758.6	58.4	58.4	58.3	58.5	58.7	59.2	59.7	59.7	59.7	59.3	59.0	58.9	58.8	58.7	58.3	58.1	58.0	58.2	58.4	58.5	58.7	58.8	58.9	58.78	
Mean	759.38	59.26	59.42	59.17	59.50	59.64	59.67	59.99	60.02	60.06	60.52	60.31	59.27	58.97	58.76	58.56	58.53	58.51	58.80	59.15	59.42	59.63	59.66	59.67	59.41	

Barometric Pressure.

(in millimetres)

May, 1900. (1)

33 metres above Sea-level.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	758.0	757.8	757.7	757.6	757.6	757.8	757.9	757.8	757.7	757.6	757.2	757.2	757.2	757.0	756.7	756.3	756.2	756.3	756.4	756.0	757.5	757.9	758.0	757.2	
2	758.2	58.0	57.9	57.8	57.6	57.5	57.4	57.7	58.1	58.0	58.0	57.9	57.3	56.8	56.5	56.0	55.9	55.9	55.8	56.0	56.4	56.4	56.4	56.4	57.0
3	756.8	57.1	57.0	56.9	57.0	57.3	57.8	57.9	57.8	58.0	57.9	57.6	56.8	56.4	56.1	55.8	55.9	56.2	56.8	57.4	57.6	57.5	57.4	56.9	
4	757.5	57.3	57.3	57.3	57.3	57.5	57.5	57.6	57.6	57.0	56.5	56.2	55.6	55.4	54.8	54.6	54.5	54.5	54.6	54.6	54.5	54.4	54.0	53.5	55.9
5	753.4	53.3	53.2	53.5	53.5	53.5	54.5	55.0	55.3	55.3	55.3	55.3	55.6	55.6	55.6	55.6	55.7	55.8	56.7	58.4	58.6	58.6	58.6	58.6	55.5
6	759.1	59.0	59.0	59.0	59.0	59.0	59.0	59.5	59.2	59.9	59.8	59.2	59.1	59.0	58.8	57.5	58.3	57.4	58.4	58.6	58.7	58.9	58.0	58.0	58.8
7	757.2	57.1	57.1	57.1	57.3	57.8	58.0	58.1	58.3	58.3	58.1	58.1	57.9	57.8	57.7	57.1	57.1	57.2	57.4	58.1	58.2	58.3	58.3	58.3	57.7
8	758.6	58.6	58.6	58.7	58.7	58.7	59.4	59.5	59.5	59.5	59.5	59.5	59.4	59.3	59.2	58.9	58.9	58.9	58.8	58.9	58.9	58.9	58.9	58.9	59.0
9	759.6	59.6	59.6	59.6	59.6	59.6	59.6	60.0	60.4	60.4	60.4	60.3	60.4	60.4	60.0	59.9	59.8	59.7	59.8	59.8	59.8	59.9	60.0	60.0	59.9
10	759.1	59.1	59.1	59.1	59.1	59.1	59.1	59.8	59.8	59.6	59.6	59.5	59.5	59.1	58.1	58.1	57.9	57.9	58.0	58.0	58.2	58.2	58.2	58.3	58.8
11	759.2	59.2	59.2	59.2	59.2	59.2	59.0	59.0	..	58.3	..	57.3	..	57.5	..	56.5	..	56.4	..	57.2	..	..	..	..	[57.3]
12	..	..	..	..	..	55.1	..	56.2	..	55.8	..	54.9	..	53.7	..	53.1	..	54.6	..	56.3	..	..	..	..	[55.8]
13	..	..	..	..	..	58.3	..	58.6	..	58.0	..	57.8	..	56.9	..	56.3	..	57.0	..	58.2	..	..	..	..	[58.0]
14	..	..	..	..	..	58.8	..	59.5	..	59.6	..	59.3	..	58.6	..	57.5	..	57.1	..	58.2	..	..	..	..	[58.6]
15	..	..	..	..	..	58.6	..	58.0	..	58.1	..	57.4	..	56.9	..	56.2	..	56.5	..	57.4	..	..	..	..	[57.5]
16	..	..	..	..	..	57.0	..	57.0	..	56.1	..	54.8	..	54.3	..	53.4	..	53.9	..	54.2	..	..	..	..	[53.3]
17	..	..	..	..	..	52.7	..	53.2	..	53.8	..	52.7	..	52.4	..	51.4	..	51.9	..	51.7	..	..	..	..	[52.1]
18	..	..	..	..	..	52.7	..	52.4	..	52.4	..	52.2	..	51.1	..	49.7	..	49.6	..	50.0	..	..	..	..	[50.7]
19	..	..	..	..	..	55.1	..	55.9	..	56.8	..	57.1	..	57.0	..	56.6	..	57.7	..	58.8	..	..	..	..	[57.4]
20	..	..	..	..	..	60.6	..	61.2	..	60.7	..	60.3	..	59.7	..	58.3	..	59.1	..	61.0	..	..	..	..	[60.5]
21	..	..	..	..	..	62.1	..	62.2	..	62.2	..	61.7	..	61.0	..	60.3	..	60.3	..	60.9	..	..	..	..	[61.5]
22	..	..	..	..	..	60.6	..	60.8	..	59.7	..	58.2	..	57.2	..	57.8	..	56.7	..	57.9	..	..	..	..	[58.7]
23	..	..	..	..	..	57.7	..	57.1	..	56.8	..	56.1	..	55.9	..	55.8	..	55.8	..	56.7	..	..	..	..	[56.3]
24	..	..	..	..	..	54.6	..	55.2	..	55.5	..	55.2	..	54.8	..	54.7	..	55.7	..	56.4	..	..	..	..	[55.7]
25	..	..	..	..	..	56.9	..	57.2	..	58.0	..	56.9	..	56.7	..	56.1	..	56.6	..	57.5	..	..	..	..	[57.4]
26	..	..	..	..	..	57.3	..	58.6	..	57.8	..	57.9	..	57.0	..	56.5	..	56.6	..	57.3	..	..	..	..	[57.7]
27	..	..	..	..	..	56.7	..	57.5	..	58.0	..	58.1	..	58.0	..	57.4	..	57.4	..	57.0	..	..	..	..	[57.5]
28	..	..	..	..	..	57.1	..	57.7	..	57.9	..	57.4	..	56.4	..	56.4	..	56.4	..	57.4	..	..	..	..	[57.3]
29	..	..	..	..	..	56.1	..	56.9	..	56.8	..	55.5	..	55.2	..	54.8	..	54.9	..	54.9	..	..	..	..	[55.9]
30	..	..	..	..	..	55.5	..	55.8	..	57.4	..	58.7	..	56.2	..	..	..	..	..	57.5	..	..	..	..	[57.2]
31	..	..	..	..	..	57.6	..	57.5	..	57.7	..	57.9	..	56.2	..	55.9	..	56.5	..	57.4	..	..	..	..	[57.3]
Mean	757.31	57.24	57.20	57.21	57.24	57.32	57.52	57.72	57.78	57.78	57.52	57.32	57.56	56.79	56.49	56.19	56.25	56.31	56.66	57.02	57.16	57.34	57.25	57.22	57.17

(1) An additional correction of +0.2 mm. is applicable to this month. (See Chap. IV).

Barometric Pressure.

(in millimetres)

June, 1900. (1)

33 metres above Sea-level.

DATE	HOURS OF OBSERVATION.																									
	1	2	3	4	5	6	7	8	9	10	11 ✓	Noon	13	14 ✓	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	759.4	..	759.3	..	759.4	..	758.3	..	757.6	..	756.7	..	756.4	..	757.4	..	..	..	..	..	[758.2]
2	57.1	..	57.1	..	56.7	..	56.4	..	55.7	..	54.9	..	54.8	..	55.3	..	..	..	..	..	[56.0]
3	56.1	..	57.2	..	57.1	..	56.9	..	56.0	..	55.8	..	55.8	..	56.7	..	..	..	..	..	[56.8]
4	58.1	..	58.8	..	59.2	..	58.5	..	57.9	..	57.6	..	57.9	..	58.4	..	..	..	..	..	[58.6]
5	59.1	..	59.4	..	59.6	..	58.7	..	57.7	..	57.4	..	57.1	..	57.8	..	..	..	..	..	[58.2]
6	56.8	..	56.7	..	56.0	..	55.8	..	54.6	..	53.8	..	54.3	..	55.3	..	..	..	..	..	[55.5]
7	54.9	..	54.6	..	54.2	..	54.3	..	53.3	..	53.3	..	53.9	..	54.6	..	..	..	..	..	[54.3]
8	55.0	..	54.6	..	56.3	..	54.3	..	54.2	..	56.3	..	54.8	..	56.5	..	..	..	..	..	[55.2]
9	56.7	..	57.1	..	57.4	..	57.1	..	56.0	..	56.4	..	56.7	..	57.1	..	..	..	..	..	[56.9]
10	57.6	..	57.6	..	57.8	..	57.7	..	57.2	..	56.5	..	57.1	..	58.1	..	..	..	..	..	[57.6]
11	56.4	..	57.4	..	56.9	..	56.8	..	55.5	..	56.0	..	56.6	..	56.9	..	..	..	..	..	[56.6]
12	58.4	..	58.7	..	59.1	..	58.6	..	57.8	..	57.5	..	58.0	..	58.9	..	..	..	..	..	[58.5]
13	59.4	..	58.8	..	59.1	..	61.5	..	56.5	..	57.0	..	57.0	..	57.8	..	..	..	..	..	[58.6]
14	58.6	..	58.8	..	58.6	..	58.3	..	57.7	..	57.1	..	57.2	..	57.2	..	..	..	..	..	[58.2]
15	58.6	..	58.7	..	58.0	..	57.7	..	57.2	..	56.3	..	56.8	..	57.9	..	..	..	..	..	[58.0]
16	58.8	..	58.9	..	59.2	..	59.0	..	58.2	..	57.8	..	57.8	..	58.3	..	..	..	..	..	[58.7]
17	59.8	..	59.8	..	59.4	..	58.8	..	58.3	..	57.4	..	57.2	..	58.3	..	..	..	..	..	[58.9]
18	58.7	..	58.7	..	59.0	..	58.4	..	57.8	..	57.3	..	57.4	..	57.8	..	..	..	..	..	[58.2]
19	58.6	..	58.3	..	58.0	..	57.5	..	56.9	..	56.1	..	56.3	..	57.1	..	..	..	..	..	[57.6]
20	57.6	..	57.8	..	57.7	..	57.4	..	56.0	..	56.0	..	55.9	..	56.6	..	..	..	..	..	[57.1]
21	57.3	..	57.2	..	57.1	..	55.8	..	55.1	..	55.8	..	55.2	..	56.8	..	..	..	..	..	[56.4]
22	56.8	..	57.1	..	57.3	..	56.6	..	55.5	..	54.3	..	55.7	..	57.0	..	..	..	..	..	[56.1]
23	57.1	..	57.6	..	56.9	..	56.4	..	55.9	..	55.4	..	55.9	..	57.4	..	..	..	..	..	[57.0]
24	57.8	..	58.0	..	58.3	..	57.8	..	57.0	..	56.5	..	56.3	..	57.0	..	..	..	..	..	[57.3]
25	57.2	..	57.4	..	56.7	..	56.1	..	55.5	..	54.7	..	54.4	..	55.0	..	..	..	..	..	[56.2]
26	55.9	..	56.6	..	56.7	..	56.1	..	55.4	..	54.6	..	54.6	..	55.2	..	..	..	..	..	[55.8]
27	56.4	..	56.6	..	55.6	..	55.5	..	54.5	..	53.7	..	54.3	..	55.7	..	..	..	..	..	[55.8]
28	55.7	..	56.3	..	56.3	..	56.2	..	55.4	..	54.6	..	54.8	..	55.9	..	..	..	..	..	[55.9]
29	55.4	..	55.9	..	55.9	..	55.4	..	54.7	..	54.3	..	54.4	..	54.8	..	..	..	..	..	[55.1]
30	55.6	..	55.7	..	54.9	..	54.5	..	53.8	..	53.9	..	53.6	..	55.3	..	..	..	..	..	[54.9]
Mean	57.36	..	57.91	..	57.55	..	57.07	..	56.18	..	55.79	..	55.90	..	56.80	..	..	..	..	..	756.96

(1) An additional corrections of +0.2 mm. is applicable to this month. (See Chap. IV).

Barometric Pressure.

(in millimetres)

July, 1900. (1)

33 metres above Sea-level.

DATE	HOURS OF OBSERVATION.																									
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	755.9	755.9	755.9	755.9	755.9	755.9	756.4	755.9	756.2	755.1	754.6	755.1	754.9	754.6	754.4	754.6	754.1	754.6	754.4	754.8	755.4	755.7	755.9	55.4	755.31	
2	755.1	54.8	54.8	54.8	54.8	54.4	55.1	55.1	55.1	54.2	..	53.7	..	53.3	..	52.7	..	52.9	..	53.7	..	..	..	..	..	55.0
3	..	..	..	..	..	55.8	..	55.7	..	55.6	..	54.9	..	54.0	..	53.5	..	53.0	..	54.1	..	..	..	..	..	54.7
4	..	..	..	..	..	55.2	..	55.2	..	54.9	..	54.0	..	53.5	..	53.0	..	53.0	..	..	..	..	..	..	..	53.4
5	753.3	53.3	53.3	53.3	53.3	53.8	53.8	54.1	54.1	54.1	53.8	53.6	53.4	53.1	52.6	52.5	52.5	52.5	53.1	53.6	53.9	54.3	54.3	54.3	54.3	53.51
6	754.7	54.5	54.5	54.7	54.7	54.8	54.7	55.0	55.0	55.0	54.7	54.5	54.2	53.9	53.7	53.4	53.4	53.4	53.7	53.6	54.5	54.7	54.7	54.7	54.7	54.37
7	754.9	54.9	54.9	54.7	54.7	54.7	54.9	55.2	54.9	55.1	56.2	55.0	54.9	54.4	53.9	53.9	53.6	53.6	53.9	54.4	54.9	55.2	55.7	55.7	55.7	54.75
8	754.6	54.3	54.1	54.1	54.1	54.6	55.1	55.2	55.2	55.2	55.2	55.1	55.2	54.6	54.1	54.0	53.8	54.0	54.6	55.1	56.1	56.3	56.3	56.3	56.3	54.90
9	756.2	56.2	56.2	56.2	56.2	56.4	56.8	57.0	58.1	58.1	56.4	56.1	55.9	55.8	55.3	54.8	54.6	54.8	55.1	55.4	56.0	56.2	56.3	56.3	56.3	56.10
10	756.3	56.0	56.0	56.0	56.0	56.0	56.3	56.3	55.8	55.8	55.1	55.0	54.6	54.1	53.6	53.3	52.9	53.0	53.1	53.6	54.1	54.8	54.9	54.9	54.9	54.95
11	754.8	54.7	54.7	54.7	54.7	54.7	55.0	55.4	55.4	55.2	55.1	54.7	54.5	54.2	53.9	53.7	53.5	53.5	53.7	54.2	55.0	55.4	55.7	55.7	55.7	54.65
12	756.2	56.2	56.2	56.2	56.2	56.2	56.4	56.4	56.2	56.2	56.2	56.9	56.6	55.5	55.2	55.2	55.0	55.0	54.9	55.2	55.2	55.9	55.9	55.9	55.9	55.80
13	755.9	55.8	55.6	55.5	55.5	55.6	55.9	56.1	56.1	56.1	56.2	56.0	55.5	55.3	54.7	54.4	54.2	54.3	54.5	54.9	55.2	55.6	55.6	55.6	55.6	55.40
14	755.4	55.2	55.1	55.1	55.1	55.1	55.1	55.1	54.8	54.7	54.5	54.4	54.2	54.0	53.8	53.4	53.3	53.4	53.3	54.0	54.3	54.7	55.0	55.2	55.2	54.50
15	755.1	55.1	55.1	55.1	55.2	55.3	55.6	55.9	55.9	55.9	55.9	55.7	55.4	55.2	55.0	54.9	54.7	54.8	55.4	55.7	56.3	56.7	56.8	56.8	56.8	56.57
16	757.1	57.1	57.1	56.9	56.5	56.5	57.1	57.1	57.5	57.4	57.2	57.0	56.6	56.4	56.1	55.6	55.6	55.6	56.1	56.4	56.9	57.1	57.1	57.1	57.1	56.71
17	756.6	56.5	56.5	56.5	56.5	56.2	56.2	56.2	55.9	55.8	55.3	55.0	54.5	54.3	53.7	53.6	53.4	53.5	53.8	54.0	54.3	54.3	54.3	54.3	54.3	56.05
18	754.4	54.0	54.0	53.8	53.7	53.7	53.7	53.5	53.2	53.2	52.7	52.7	52.5	52.2	51.9	51.5	51.2	51.5	51.7	51.9	52.5	52.7	52.8	52.8	52.8	52.82
19	752.7	52.7	52.7	52.7	52.7	52.7	53.3	53.4	53.4	53.3	53.1	53.1	53.8	52.5	52.5	52.4	52.3	52.1	52.6	52.5	53.6	54.3	54.5	54.5	54.5	53.08
20	754.8	54.8	54.8	54.8	55.0	55.2	55.5	55.8	55.9	55.9	55.9	55.9	55.8	55.5	55.5	55.5	55.5	55.5	55.6	55.9	56.8	56.8	56.8	56.8	56.8	56.68
21	756.4	56.1	56.1	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.4	56.9	55.6	55.4	54.9	54.9	54.9	54.9	55.0	55.0	55.6	55.8	55.8	55.7	55.7	56.78
22	756.5	55.2	55.2	55.2	55.2	55.5	55.8	55.8	55.7	55.6	55.2	55.0	54.7	54.2	53.8	53.7	53.5	53.9	53.0	53.7	54.2	54.5	54.7	54.7	54.7	54.69
23	754.5	54.2	54.2	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.0	53.8	53.5	53.5	53.0	52.7	52.6	52.7	53.5	53.8	54.3	54.5	54.4	54.2	53.58	
24	753.4	53.2	53.1	53.2	53.3	53.4	53.9	53.9	53.9	53.9	53.7	53.4	53.4	53.1	53.0	52.9	52.9	52.9	53.0	53.3	53.9	53.9	54.0	54.1	53.45	53.45
25	754.6	54.6	54.6	54.6	54.6	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.6	54.5	54.4	54.2	53.9	53.9	53.9	54.1	54.8	55.3	55.3	55.3	55.3	54.63
26	755.5	54.8	54.6	54.3	54.3	54.3	54.5	54.5	54.5	54.5	54.1	53.6	53.3	53.0	52.5	52.1	51.9	51.9	51.9	52.3	53.1	53.3	53.3	53.3	53.3	53.55
27	752.9	52.7	52.4	52.4	52.3	52.3	52.4	52.4	52.4	52.4	52.1	51.7	51.1	50.7	50.5	50.2	50.0	50.2	50.6	51.2	51.4	51.7	51.6	51.6	51.6	51.63
28	751.7	51.6	51.5	51.5	51.5	51.5	52.0	52.3	52.3	52.0	51.9	51.5	50.5	50.0	50.0	49.6	49.5	49.5	49.8	50.5	51.2	51.5	51.7	51.9	51.9	51.08
29	752.5	52.5	52.5	52.5	52.7	52.7	53.0	53.0	52.3	52.3	52.8	52.8	53.7	52.3	52.2	51.7	51.8	51.3	51.8	52.0	52.5	53.1	53.3	53.5	52.45	52.45
30	753.1	53.1	53.1	53.1	53.1	53.2	53.4	53.5	53.6	53.1	52.6	52.6	..	52.0	..	51.1	..	..	50.8	51.2	..	..	..	..	..	52.4
31	..	..	..	..	..	52.9	..	52.9	..	52.7	..	52.7	..	52.1	..	61.8	..	..	51.7	..	..	..	..	..	..	52.6
Mean	754.78	54.65	54.60	54.57	54.55	54.60	54.86	54.94	55.03	54.91	54.72	54.55	53.91	53.78	53.51	53.25	53.03	52.96	53.08	53.44	53.97	54.27	54.36	54.36	54.36	754.26

(1) An additional correction of +0.2 mm. is applicable to this month. (See Chap. IV).

Barometric Pressure.

(in millimetres)

August, 1900. (1)

33 metres above Sea-level.

DATE	HOURS OF OBSERVATION.																									
	1	2	3	4	5	6	7	8	9	10	11 ✓	Noon	13	14 ✓	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	755.3	755.3	755.7	755.8	755.8	755.8	754.9	756.2	756.0	755.4	755.4	755.2	755.0	754.9	754.5	754.4	754.4	754.4	754.5	755.2	755.4	755.5	755.5	755.5	755.5	[754.1]
2	753.2	753.2	753.0	752.9	752.9	752.7	752.9	53.6	53.6	53.6	53.6	52.9	52.2	51.9	51.6	51.2	51.1	51.2	51.6	52.2	52.7	52.8	52.9	52.9	52.6	
3	753.3	53.3	53.3	53.3	53.3	53.3	53.6	53.3	53.3	53.3	53.3	53.3	53.4	53.4	53.1	52.6	52.6	52.8	53.6	53.6	53.5	53.5	53.7	53.7	53.3	
4	753.5	53.5	53.5	53.5	53.5	53.5	54.0	54.0	54.2	54.5	54.6	54.6	54.5	54.4	54.4	54.4	54.2	54.3	54.2	55.0	55.2	55.5	55.6	55.9	54.4	
5	755.8	55.8	55.8	55.8	55.8	55.9	56.1	55.9	56.1	56.1	56.1	56.0	55.9	55.9	55.6	55.4	55.4	55.5	55.8	56.1	56.4	56.8	56.9	56.9	55.9	
6	755.4	55.4	55.4	55.9	55.9	55.9	56.4	56.3	56.3	56.3	56.0	55.8	55.5	55.4	55.0	54.8	54.6	54.6	54.6	54.6	55.1	55.4	55.8	55.8	55.6	
7	755.9	55.9	55.8	55.7	55.7	55.6	55.6	55.6	55.6	55.6	55.2	54.7	54.5	54.0	53.9	53.5	53.4	53.7	54.0	54.4	54.9	54.9	54.9	54.9	54.9	
8	754.9	54.8	54.7	54.7	54.7	54.8	55.4	55.2	55.3	55.3	55.5	55.5	54.9	54.7	54.5	53.9	53.9	53.9	54.0	54.5	54.7	55.0	55.1	55.2	54.8	
9	755.2	55.2	55.2	55.2	55.2	55.5	55.5	55.5	55.5	55.8	55.7	55.6	55.2	55.0	54.6	54.3	53.7	53.7	53.7	54.0	54.9	55.3	55.6	55.7	55.1	
10	754.6	54.6	54.5	54.5	54.4	54.6	54.8	55.3	55.3	55.3	54.9	54.6	54.4	54.1	53.8	53.4	53.3	53.3	53.3	53.4	54.0	54.5	54.5	54.5	54.3	
11	755.6	55.5	55.5	55.5	55.5	55.5	55.7	55.6	55.6	55.6	54.8	54.6	54.6	54.1	53.8	53.7	53.6	53.1	53.1	53.1	53.8	54.1	54.6	54.6	54.5	
12	754.5	54.5	54.7	54.8	54.9	55.0	55.0	55.1	55.3	55.3	55.4	55.4	55.5	55.0	54.5	54.0	54.0	54.2	54.4	54.3	55.5	55.5	55.5	55.5	54.9	
13	755.5	55.5	55.5	55.4	55.5	55.5	55.5	55.5	55.6	55.7	55.5	55.5	55.3	55.4	55.2	55.0	55.0	55.0	55.3	55.3	55.6	56.0	56.5	57.0	55.5	
14	756.9	56.7	56.5	56.4	56.4	56.6	57.1	57.2	57.4	57.4	57.6	57.6	57.4	57.3	57.1	57.0	57.2	57.2	57.4	57.9	58.3	58.4	58.4	58.4	57.3	
15	758.3	58.3	58.3	58.3	58.3	58.3	58.0	57.7	58.2	57.9	57.9	57.8	57.4	57.1	56.8	56.6	56.5	56.4	56.6	56.8	57.3	57.5	57.5	57.5	57.6	
16	756.7	56.7	56.7	56.7	56.7	56.7	56.5	56.0	56.0	56.0	56.0	55.9	55.5	55.5	55.3	55.1	54.8	54.7	54.9	55.4	55.9	56.2	56.2	56.2	55.9	
17	756.4	56.3	56.3	56.3	56.3	56.3	56.5	56.4	56.8	56.8	56.8	56.3	56.3	56.1	55.9	55.9	55.9	55.9	55.9	56.5	57.0	57.2	57.2	57.2	56.4	
18	757.2	57.0	57.0	57.0	57.0	57.1	57.3	56.6	57.1	57.0	57.0	56.7	56.7	56.5	56.3	56.2	55.9	55.9	56.1	56.7	57.3	57.6	57.7	57.6	56.9	
19	756.4	56.3	56.3	56.3	56.3	56.7	56.8	56.8	56.6	56.6	56.3	56.1	55.6	55.6	55.3	55.3	55.3	55.3	55.6	55.8	56.3	56.8	56.8	56.8	56.1	
20	756.8	56.6	56.3	56.3	56.3	56.3	56.1	55.6	55.8	54.8	54.8	54.7	54.4	54.0	53.8	53.2	53.2	53.2	53.7	54.2	55.2	55.3	55.5	55.5	54.6	
21	753.6	53.5	53.4	53.5	53.6	53.8	53.9	53.9	54.0	54.2	54.2	53.8	53.6	53.5	53.3	53.2	53.2	53.2	53.7	54.2	55.2	55.3	55.5	55.5	54.0	
22	755.5	55.5	55.5	55.5	55.6	56.2	56.2	56.2	55.8	56.0	56.0	56.0	56.0	55.5	55.3	55.2	55.1	55.1	55.2	55.5	55.4	56.7	56.8	56.7	55.8	
23	756.4	56.2	56.1	56.0	56.0	56.0	56.0	56.0	56.4	56.4	55.9	55.4	55.4	54.9	54.5	54.2	54.2	54.2	54.2	54.3	55.1	55.1	55.1	55.2	55.4	
24	754.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.2	55.0	54.8	54.7	54.5	54.2	53.9	53.6	53.6	53.7	53.8	54.1	54.6	55.0	55.2	55.1	54.6	
25	755.0	54.8	54.8	54.7	54.7	54.7	54.6	54.6	54.6	54.6	54.6	54.1	54.1	54.1	53.6	53.1	53.1	53.1	53.6	54.6	55.1	55.1	55.1	55.1	54.4	
26	755.1	55.1	55.1	55.1	55.1	55.1	54.8	55.1	55.6	55.6	55.6	55.4	55.2	54.9	54.6	54.4	54.2	54.1	54.1	54.4	54.7	55.3	55.6	55.6	55.0	
27	755.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.8	55.3	55.8	55.8	55.1	54.9	54.6	54.2	54.1	54.1	54.1	54.4	54.6	55.6	55.8	55.8	55.2	
28	755.5	55.5	55.5	55.5	55.5	55.5	55.5	55.1	55.5	55.3	54.9	54.7	54.3	54.3	54.0	53.9	53.8	53.8	54.0	54.3	54.8	55.2	55.3	55.3	54.9	
29	755.9	55.9	54.8	54.7	54.7	54.6	54.7	54.7	55.1	55.1	54.7	54.3	53.9	53.7	53.4	53.1	53.1	53.1	53.4	53.7	54.1	54.7	54.8	54.9	54.4	
30	754.7	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.7	54.6	54.3	54.0	53.8	53.3	53.1	53.1	53.1	53.2	53.4	53.8	54.7	55.2	55.4	55.5	54.2	
Mean	755.50	55.42	55.41	55.30	55.27	55.38	55.52	55.41	55.61	55.50	55.17	55.37	54.98	54.73	54.46	54.18	54.00	54.10	54.30	54.72	55.10	55.42	55.52	55.52	55.06	

(1) An additional correction of +0.2 mm. is applicable to this month. (See Chap. IV).

Barometric Pressure.

(in millimetres)

September, 1900. (1)

33 metres above Sea-level.

DATE	HOURS OF OBSERVATION.																							
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	MEAN
1	755.5	755.5	755.5	755.5	755.5	755.7	755.8	755.9	756.1	756.1	756.1	756.7	756.4	756.2	756.7	756.5	756.1	756.3	756.7	756.3	756.5	756.6	756.6	756.6
2	757.1	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.8	56.2	56.2	56.1	56.7	56.4	56.1	56.8	56.9	56.2	56.9	57.0	57.2	57.4	57.4	56.6
3	757.7	57.5	57.5	57.5	57.5	57.5	57.5	57.7	57.8	57.8	57.8	57.8	57.8	57.2	56.9	56.8	56.5	56.4	57.0	57.8	58.2	58.4	58.0	57.5
4	758.7	58.7	58.4	58.3	58.3	58.7	58.8	59.1	59.3	59.3	59.1	58.8	58.7	58.2	57.9	57.8	57.8	57.8	58.0	58.3	58.8	59.5	59.5	58.6
5	759.1	59.0	58.8	58.7	58.7	58.7	58.8	58.8	58.7	58.7	58.8	58.2	57.7	57.2	56.6	56.6	56.6	56.4	56.2	56.6	57.4	57.4	57.4	57.8
6	757.7	57.7	57.7	57.7	57.7	57.7	58.1	58.2	58.2	58.2	57.9	57.9	57.4	56.9	56.5	56.2	56.2	56.2	56.7	57.7	57.9	58.2	58.2	57.5
7	757.7	57.6	57.6	57.6	57.6	57.6	57.8	58.2	58.1	58.1	58.1	58.1	57.8	57.4	57.1	56.9	56.8	56.8	56.9	57.6	58.2	58.2	58.2	57.6
8	758.5	58.4	58.4	58.4	58.4	58.4	58.4	58.9	58.9	58.9	58.7	58.5	58.0	57.7	57.4	57.2	57.1	57.4	57.7	58.1	58.2	58.6	58.7	58.2
9	758.4	58.4	58.2	58.2	58.1	58.1	58.1	58.1	58.1	58.1	57.7	57.8	57.1	56.7	56.7	56.7	56.7	56.7	56.9	57.6	57.9	58.1	58.1	57.7
10	758.0	57.9	57.8	57.7	57.7	57.7	57.6	57.6	57.6	57.6	57.2	57.0	56.9	56.8	56.6	56.4	56.4	56.6	56.8	57.1	57.6	57.7	57.7	57.3
11	757.6	57.6	57.4	57.4	57.2	57.3	57.3	57.2	57.8	57.7	57.2	56.8	56.4	56.1	55.8	55.8	55.7	55.7	55.9	56.2	56.6	56.9	57.0	56.8
12	757.0	57.0	57.0	57.0	57.0	57.0	57.0	57.4	57.6	57.6	57.6	57.4	57.0	56.9	56.6	56.4	56.0	56.0	56.0	56.4	57.1	57.5	57.7	57.0
13	757.1	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.6	57.6	57.5	57.1	56.9	56.6	56.5	56.4	56.4	56.6	56.8	57.4	57.7	57.9	57.9	57.1
14	758.3	58.1	57.9	58.0	58.0	58.0	57.9	58.0	58.1	57.9	57.9	57.4	57.2	56.9	56.9	56.8	56.8	56.9	57.3	57.7	57.9	57.9	57.9	57.7
15	758.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	57.7	57.4	57.3	57.0	56.9	56.8	56.8	57.0	57.3	58.0	58.2	58.4	58.3	57.7
16	758.4	58.4	58.3	58.3	58.3	58.3	59.0	59.0	59.0	58.3	57.6	57.3	57.3	56.4	55.9	55.9	56.1	56.3	56.6	57.1	57.6	57.8	57.8	57.6
17	758.3	58.3	58.3	58.3	58.3	58.1	58.3	58.5	58.4	58.4	58.4	58.2	57.9	57.4	57.3	57.2	57.2	57.2	57.4	57.7	58.2	58.4	58.4	58.1
18	758.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.4	58.0	57.9	56.9	56.8	56.8	56.9	57.5	57.9	58.7	58.7	58.7	58.1
19	758.3	58.0	58.1	58.1	58.3	58.4	58.5	58.9	59.0	59.0	58.3	58.3	58.0	58.0	58.0	58.0	58.1	58.3	58.5	59.4	59.7	59.9	59.9	58.6
20	759.8	59.8	59.8	59.9	59.9	60.3	60.8	61.0	61.1	61.1	60.7	60.3	60.1	59.3	59.3	59.1	59.1	59.3	59.7	60.3	61.2	61.2	61.2	60.2
21	761.1	60.9	60.6	60.6	60.6	60.7	60.7	60.7	60.7	60.7	60.2	59.9	59.4	58.8	58.2	58.2	58.2	58.2	58.6	59.2	59.6	59.7	59.4	59.8
22	759.1	58.9	58.8	58.8	58.8	58.8	58.8	58.8	59.1	59.1	58.8	58.5	58.3	57.8	57.3	57.3	57.3	57.3	58.2	58.7	58.7	58.6	58.6	58.4
23	757.8	57.8	57.8	57.7	57.6	57.6	57.6	58.0	57.9	57.6	57.5	57.0	56.3	55.9	55.6	55.6	55.6	55.6	56.1	56.5	56.6	56.6	56.6	56.9
24	757.8	57.8	57.8	57.8	57.8	58.2	58.5	58.6	58.8	58.6	58.5	58.1	58.1	57.9	57.6	57.6	57.6	57.6	58.1	58.6	58.9	59.4	59.1	58.2
25	759.1	59.1	59.1	59.1	59.1	59.1	59.6	59.8	59.8	59.8	59.6	59.6	59.1	59.0	58.6	58.6	59.1	59.1	59.6	60.6	60.9	60.9	61.0	59.6
26	760.6	60.6	60.6	60.6	60.7	60.2	60.7	61.2	61.3	61.3	61.2	61.0	60.7	60.4	60.2	60.1	59.9	59.9	60.2	60.5	61.0	61.2	61.2	60.7
27	761.0	60.8	60.7	60.7	60.6	60.6	60.5	60.5	60.5	60.5	60.2	59.7	59.2	58.8	58.7	58.5	58.5	58.5	58.7	59.2	59.5	59.7	59.8	59.8
28	759.5	59.5	59.5	59.4	59.5	59.5	59.5	59.7	59.9	59.7	59.7	59.7	59.2	58.9	58.7	58.6	58.2	58.2	58.3	58.6	58.7	58.9	58.9	59.1
29	758.8	58.8	58.8	58.8	58.8	59.2	59.5	59.7	59.7	59.7	59.6	59.5	59.0	58.7	58.7	58.3	58.3	58.5	58.7	58.9	59.2	59.6	59.7	59.1
30	759.8	59.8	59.8	59.8	59.8	59.8	59.9	60.4	60.1	60.1	59.8	59.3	58.4	58.4	58.4	58.5	58.5	58.8	59.3	60.0	60.1	60.2	60.2	59.6
Mean	758.47	58.42	58.36	58.35	58.34	58.40	58.54	58.72	58.78	58.68	58.47	58.17	57.92	57.47	57.24	57.13	57.17	57.25	57.49	58.03	58.44	58.63	58.67	58.64

(1) An additional correction of +0.2 mm. is applicable to this month. (See Chap. IV).

Barometric Pressure.

(in millimetres)

October, 1900.

(SPRUNG FUSS BAROGRAPH).

33 metres above Sea-level.

HOURS OF OBSERVATION.

DATE	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	760.5	760.5	760.5	760.5	760.5	760.5	761.0	761.1	761.3	761.1	760.7	760.1	759.9	759.4	759.1	759.1	759.1	759.5	759.9	760.3	760.3	760.3	760.3	760.3	760.2
2	760.0	60.0	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.4	59.0	58.8	58.5	58.3	58.0	58.1	58.4	58.8	59.0	59.2	59.2	59.2	59.2
3	759.2	59.2	59.2	59.1	59.1	59.1	59.2	59.7	60.1	60.0	59.3	59.1	59.1	57.3	57.2	57.2	57.3	57.5	58.0	58.1	58.6	58.7	58.7	58.6	58.7
4	758.0	58.0	57.6	57.6	57.8	58.2	58.2	58.4	58.5	58.4	58.2	57.7	57.4	56.7	56.7	56.7	56.5	56.7	57.3	57.7	57.7	58.2	58.4	58.0	59.7
5	757.3	57.1	57.1	57.1	57.1	57.3	57.7	57.9	58.1	58.1	57.7	57.4	56.9	56.8	56.3	56.3	56.6	56.9	57.1	57.8	58.1	58.4	58.7	58.7	57.4
6	759.4	59.3	59.2	59.1	59.1	59.1	59.2	59.3	59.4	59.4	58.9	58.7	58.6	58.4	58.1	57.9	57.9	58.1	58.6	59.2	59.9	60.2	60.3	60.4	59.1
7	759.6	59.6	59.4	59.4	59.4	59.4	59.7	59.9	60.1	60.0	59.9	59.7	58.2	58.2	57.7	57.7	57.7	57.8	58.0	58.2	58.7	59.2	59.2	59.2	59.0
8	759.3	59.3	59.2	59.2	59.1	59.1	59.0	59.3	59.3	59.3	58.5	58.5	58.2	57.9	57.4	57.4	57.3	57.5	58.1	58.3	58.3	58.3	58.3	58.3	58.5
9	758.8	58.7	58.6	58.6	58.6	58.5	58.5	58.5	58.3	58.3	58.3	57.8	57.5	57.2	56.9	56.6	56.3	56.4	56.8	57.3	57.6	58.0	58.0	58.0	57.8
10	758.2	58.2	57.9	57.9	57.9	57.9	57.9	58.2	58.5	58.5	58.2	57.8	57.2	57.0	56.5	56.5	56.5	56.5	56.8	57.0	57.0	57.5	57.5	57.6	57.5
11	757.0	57.0	57.0	57.0	57.0	57.6	57.9	58.3	58.4	58.4	58.4	58.4	58.2	57.6	57.4	57.4	57.4	57.5	58.2	58.4	59.3	59.6	59.6	59.6	58.0
12	760.1	60.1	60.1	60.2	60.5	60.7	61.2	61.6	61.5	61.4	61.2	60.9	60.9	60.7	60.6	60.6	60.4	60.4	60.8	61.2	61.4	61.7	61.8	61.8	60.9
13	762.0	62.0	61.8	61.8	61.8	61.9	62.0	62.1	62.4	62.2	62.1	62.0	61.4	61.2	60.7	60.5	60.6	60.7	60.9	61.0	61.1	61.2	61.1	60.7	61.5
14	759.6	59.4	59.3	59.2	59.2	59.3	59.5	60.2	60.2	60.2	59.8	59.0	58.4	58.2	58.2	58.2	58.2	58.7	59.2	59.5	59.6	60.0	60.0	60.0	59.3
15	760.4	60.4	60.3	60.2	60.1	60.1	60.1	60.5	60.6	60.6	60.2	60.0	59.5	59.2	59.2	58.9	58.9	58.9	59.2	59.7	60.2	60.3	60.3	60.3	59.9
16	760.1	60.0	60.0	60.0	60.0	60.0	60.4	60.5	60.6	60.6	60.1	59.2	59.1	58.8	58.6	58.5	58.5	58.6	58.8	59.1	59.3	59.6	59.6	59.3	59.6
17	759.3	59.0	59.0	58.8	58.8	58.8	59.0	59.8	60.5	60.4	59.8	59.5	58.9	58.8	58.8	58.8	58.8	58.8	59.1	59.7	59.8	60.1	60.0	60.0	59.4
18	759.7	59.7	59.7	59.7	59.7	59.7	60.0	60.3	60.4	60.4	59.6	59.4	59.3	59.1	58.9	58.9	58.9	59.1	59.4	59.6	60.0	60.4	60.8	60.8	59.8
19	761.1	60.9	60.7	60.7	60.8	60.9	61.7	61.7	61.9	61.8	61.4	60.8	60.1	59.9	59.8	59.8	59.8	60.4	60.9	61.1	61.4	61.7	61.7	61.4	60.9
20	761.5	61.4	61.4	61.4	61.5	61.4	61.9	62.0	62.3	62.3	62.2	61.4	61.0	60.8	60.6	60.5	60.5	61.1	61.9	62.0	62.1	62.1	62.1	62.1	61.6
21	762.2	62.2	62.2	62.2	62.2	62.5	62.9	63.1	62.8	62.6	62.7	62.1	61.6	61.4	60.9	60.8	60.8	61.1	61.8	62.1	62.4	62.7	62.8	62.8	62.1
22	762.6	62.4	62.4	62.4	62.5	62.6	62.6	62.7	62.8	62.9	62.9	62.1	61.7	60.9	60.9	60.9	60.9	60.9	61.7	62.1	62.4	62.4	62.4	62.4	62.1
23	762.8	62.0	62.0	61.8	61.9	61.9	62.1	62.2	62.1	62.0	61.5	60.8	60.1	59.7	59.4	59.3	59.4	59.5	59.8	60.2	60.2	60.4	60.4	60.2	60.9
24	760.1	60.0	59.9	59.8	59.9	59.9	60.2	60.4	60.5	60.0	59.6	59.2	58.6	58.4	58.3	58.3	58.4	58.4	58.7	58.8	59.0	59.9	59.9	59.7	59.4
25	758.2	58.1	58.0	58.0	58.0	58.1	58.4	58.6	58.9	58.6	58.6	58.5	58.1	57.7	57.2	57.2	57.1	57.2	57.2	57.3	57.7	57.9	58.1	58.1	57.9
26	758.0	57.3	57.9	58.5	58.7	59.5	59.7	59.9	60.0	60.0	60.2	60.2	60.2	60.1	60.1	60.0	60.0	60.6	61.0	61.6	61.6	61.7	62.0	62.0	60.1
27	762.0	62.5	62.5	62.5	62.5	62.8	63.2	63.5	63.7	63.7	63.5	63.0	62.8	62.7	62.6	62.5	62.5	62.0	62.5	62.7	62.7	62.7	62.7	62.7	62.8
28	761.6	61.6	61.6	61.4	61.4	61.4	61.5	61.7	62.0	61.9	61.7	61.2	60.6	60.2	60.1	60.0	60.0	60.0	60.2	60.2	60.2	60.4	60.4	60.3	60.9
29	759.8	59.7	59.6	59.4	59.4	59.4	59.8	59.8	59.8	59.9	59.6	59.1	58.6	58.1	57.8	57.8	57.7	57.7	58.2	58.6	58.6	58.8	58.9	58.9	59.0
30	760.4	60.2	60.1	60.0	59.8	60.0	61.4	61.3	61.1	61.0	60.3	60.3	60.0	60.0	60.0	60.0	60.0	59.6	59.3	59.2	59.2	59.1	59.0	59.0	60.0
31	761.2	61.1	61.1	61.1	61.4	61.6	62.0	62.5	62.5	62.2	61.9	61.3	60.8	60.8	60.8	61.0	61.4	61.7	62.2	62.5	62.5	62.6	62.2	62.0	61.6
Mean	759.99	59.92	59.84	59.82	59.85	59.96	60.24	60.47	60.60	60.54	60.26	59.84	59.45	59.11	58.95	58.81	58.81	58.96	59.34	59.65	59.88	60.08	60.14	60.14	59.83

Baremetric Pressure.

(in millimetres)

November, 1900.

(SPRUNG FUSS BAROGRAPH).

33 metres above Sea-level.

HOURS OF OBSERVATION.

HOURS OF OBSERVATION.																										
DATE	1	2	3	4	5	6	7	8	9	10	11/	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	761.87	761.71	761.55	761.40	761.40	761.92	762.45	762.87	762.68	762.45	762.03	761.50	760.93	760.77	760.82	760.87	760.98	761.24	761.61	762.03	762.03	762.03	762.03	761.79	761.71	
2	761.71	61.55	61.40	61.35	61.29	61.45	61.45	61.06	61.66	61.66	61.29	60.66	60.35	60.14	59.98	59.82	59.88	60.09	60.24	60.61	60.77	60.98	60.93	60.97	60.90	
3	760.77	60.61	60.56	60.66	60.82	61.08	61.45	61.71	62.08	62.08	61.82	61.45	61.03	60.77	60.77	60.90	60.90	61.24	61.34	61.76	62.18	62.66	62.79	62.66	61.42	
4	762.50	62.24	62.18	62.50	62.50	62.97	63.56	63.76	63.76	63.56	63.08	62.66	62.36	62.32	62.36	62.39	62.66	62.66	63.13	63.45	63.71	63.76	63.86	63.81	62.99	
5	762.56	63.56	63.29	63.29	63.08	63.13	63.18	63.18	63.03	62.66	62.19	61.45	60.60	60.20	60.09	60.19	60.19	60.45	60.66	60.98	60.98	61.24	61.19	60.77	61.80	
6	760.36	60.09	59.82	59.86	59.72	59.61	59.72	59.82	59.61	59.40	58.83	58.09	57.62	57.30	57.04	56.99	57.30	57.83	58.30	58.56	58.56	58.56	58.56	58.41	58.75	
7	758.20	57.83	57.83	57.83	58.20	58.46	58.88	59.14	59.43	59.51	59.14	58.74	58.42	58.04	58.14	58.38	58.56	58.88	59.35	59.77	59.82	59.93	60.09	58.86		
8	760.17	60.09	60.09	59.98	60.09	60.09	60.17	60.45	60.72	60.82	60.35	59.93	59.56	59.30	58.94	58.94	59.14	59.40	59.67	60.09	60.24	60.56	60.61	60.51	59.99	
9	759.35	59.09	58.93	58.72	58.61	58.88	58.93	59.56	59.87	59.87	59.56	59.03	58.67	58.30	58.30	58.35	58.61	59.19	59.45	59.56	59.66	59.87	59.75	59.56	59.11	
10	759.30	59.19	59.14	59.19	59.19	59.35	59.56	59.72	59.98	59.87	59.56	59.03	58.67	58.67	58.30	58.35	58.51	58.92	59.35	59.66	59.93	60.03	59.93	59.66	59.29	
11	759.56	59.56	59.39	59.35	59.56	59.87	59.98	60.29	59.80	60.08	59.87	59.51	58.93	58.76	58.61	58.51	58.76	58.98	59.30	59.56	59.87	59.87	59.87	59.77	59.49	
12	759.72	59.61	59.72	59.72	59.72	60.03	60.35	60.08	60.29	60.08	59.77	59.35	58.93	58.61	58.61	58.72	58.98	59.18	59.63	60.03	60.19	60.24	60.08	59.93	59.65	
13	759.93	59.77	59.87	59.77	59.77	60.19	60.50	60.77	60.99	61.08	60.82	60.40	60.08	59.84	59.86	59.58	59.66	59.82	60.19	60.40	60.44	60.44	60.34	59.98	60.18	
14	759.87	59.87	59.98	59.98	59.87	60.08	60.23	60.45	60.66	60.77	60.45	60.03	59.82	59.51	59.51	59.72	59.82	60.19	60.71	60.82	60.77	60.61	60.40	60.19	60.11	
15	760.25	60.19	60.03	59.87	59.69	59.29	59.09	59.09	58.93	59.09	59.03	58.93	58.93	58.89	58.91	59.24	59.83	60.40	61.03	61.47	61.87	62.03	61.91	61.76	59.99	
16	761.78	61.97	61.97	61.97	62.06	62.06	62.29	62.50	62.86	62.54	62.48	61.81	60.97	60.71	60.68	60.59	60.50	60.82	61.34	61.61	61.66	62.13	61.82	61.66	61.69	
17	761.24	61.13	60.97	60.76	60.92	61.39	61.61	61.55	61.71	61.45	61.24	60.87	60.08	59.71	59.93	59.82	59.93	60.14	60.55	60.60	61.02	60.87	60.97	60.77	60.76	
18	760.50	60.50	60.55	60.44	60.39	60.60	60.82	60.97	61.45	61.55	61.24	60.65	60.24	59.98	59.77	59.71	59.87	60.08	60.35	60.76	60.82	60.97	60.89	60.77	60.58	
19	760.60	60.60	60.44	60.50	60.44	60.71	61.03	61.34	61.04	61.55	61.34	61.09	60.69	60.44	60.19	60.15	60.13	60.24	60.40	60.50	60.55	60.40	60.48	60.36	60.66	
20	760.34	60.29	60.24	60.03	60.24	60.45	60.86	60.98	61.13	61.13	60.77	60.14	59.82	59.40	59.14	59.35	59.51	59.93	60.72	61.34	61.50	61.00	61.60	61.60	60.50	
21	761.97	61.97	61.76	61.81	62.03	62.03	62.10	62.60	62.56	62.75	62.18	61.55	61.18	60.63	60.63	60.65	60.72	60.92	61.24	61.49	61.66	61.66	61.97	61.81	61.66	
22	761.66	61.34	61.24	61.24	61.34	61.55	61.66	62.02	62.29	62.29	61.66	60.92	60.61	60.63	60.40	60.23	60.61	60.95	61.71	62.23	62.29	62.14	62.06	61.97	61.46	
23	761.81	62.02	62.08	62.07	61.99	62.22	62.90	62.08	62.60	62.68	62.08	61.61	60.87	60.66	60.50	60.69	60.82	61.09	61.36	61.76	61.76	61.81	61.81	61.99	61.66	
24	761.13	61.02	60.92	61.01	60.97	61.08	61.30	61.55	61.08	61.59	61.26	60.78	60.26	60.08	59.98	60.62	60.02	60.19	60.33	60.50	60.50	60.46	60.50	61.51	60.78	
25	760.37	60.37	60.40	60.33	60.29	60.61	60.71	60.97	61.19	61.13	60.87	60.50	60.03	59.87	59.83	59.82	59.77	59.85	60.03	60.18	60.24	60.40	60.35	60.29	60.35	
26	760.29	60.14	60.08	59.77	59.81	59.87	60.15	60.24	60.45	60.45	60.14	59.82	59.40	59.24	59.24	59.24	59.24	59.56	59.82	59.98	60.03	60.08	60.03	59.96	59.88	
27	759.87	59.82	59.72	59.56	59.61	59.82	60.19	60.58	60.98	61.33	60.68	60.08	59.60	59.24	59.15	59.24	59.36	59.50	59.61	59.99	59.99	60.06	60.08	60.12	59.98	
28	760.04	59.35	59.72	59.64	59.69	59.75	59.96	60.24	60.52	60.52	60.38	59.61	59.24	58.88	58.79	58.85	58.98	59.11	59.40	59.56	59.82	59.98	60.02	59.66		
29	759.98	60.03	60.06	59.96	60.08	60.41	60.00	61.13	61.62	61.76	61.55	61.18	60.88	60.71	60.71	60.83	61.04	61.24	61.82	62.13	62.40	62.13	62.81	62.81	61.15	
30	762.62	62.62	62.97	63.16	62.97	63.35	63.23	63.97	63.86	63.65	63.95	62.39	62.09	61.67	61.62	61.62	61.67	61.92	62.03	62.03	62.11	61.97	61.76	61.41	62.38	
Mean	760.71	60.60	60.56	60.52	60.54	60.74	60.96	61.06	61.33	61.32	60.95	60.46	60.02	59.77	59.83	59.73	59.87	60.13	60.49	60.78	60.91	60.99	60.98	60.87	60.58	

Barometric Pressure.

(in millimetres)

December, 1900.

(SPRUNG FUSS BAROGRAPH).

33 metres above Sea-level.

HOURS OF OBSERVATION.

DATE	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	761.15	761.08	760.62	760.57	760.45	760.20	760.29	760.08	760.95	760.03	760.61	758.82	758.19	759.30	758.19	758.36	758.36	758.51	758.67	758.72	758.67	758.46	757.98	757.00	759.42
2	57.38	58.67	57.04	57.31	57.51	58.93	58.82	59.37	59.81	60.09	59.84	59.28	58.90	57.77	58.80	58.77	59.03	59.52	60.02	60.54	60.88	61.03	61.19	60.92	58.84
3	60.76	60.82	61.09	60.96	61.07	61.55	62.07	63.46	62.71	62.76	62.45	61.71	61.24	60.98	60.92	61.19	61.43	61.76	62.24	62.66	62.87	63.13	63.44	63.23	61.81
4	63.18	62.81	62.60	62.50	62.76	63.07	63.60	63.97	63.67	63.86	63.39	62.81	62.18	61.92	61.71	61.66	61.82	61.92	62.29	62.50	62.66	62.87	62.29	61.24	62.64
5	62.13	61.97	61.87	61.43	61.50	61.61	61.61	61.40	61.43	61.19	60.82	60.04	60.14	59.76	59.24	59.09	58.67	58.82	58.82	58.78	58.72	58.73	58.35	57.93	60.17
6	57.67	57.46	57.41	57.04	56.88	56.88	57.10	57.10	57.25	57.14	56.87	56.16	55.67	55.57	55.36	55.16	54.90	54.78	54.77	55.04	55.34	55.51	55.25	55.25	56.15
7	58.94	55.42	55.03	55.25	55.23	55.53	55.88	55.73	55.78	55.94	55.99	55.67	55.04	54.99	54.73	54.73	54.94	54.89	55.41	54.83	55.46	55.15	55.46	55.15	55.31
8	55.04	54.99	54.52	54.31	54.41	55.15	55.46	55.78	56.26	56.75	56.96	56.87	56.68	56.38	56.41	56.56	56.87	57.46	58.02	58.60	58.94	59.52	60.08	60.27	56.76
9	60.29	60.50	60.40	60.05	59.92	59.56	61.34	61.71	61.68	61.89	61.81	61.57	61.08	61.08	60.88	60.92	61.13	61.34	61.68	61.79	61.82	62.02	61.99	61.55	61.17
10	61.66	61.50	61.47	61.30	61.03	61.03	61.47	61.97	62.29	62.39	62.13	61.66	61.23	61.03	60.82	60.71	60.71	60.71	60.92	61.03	61.23	61.29	61.23	61.13	61.33
11	61.03	61.03	60.92	60.56	60.61	60.71	60.98	60.98	61.13	60.88	60.66	60.08	59.45	59.24	59.14	59.03	59.08	59.24	59.35	59.43	59.52	59.58	59.45	59.23	60.05
12	59.03	59.93	58.93	58.82	58.81	59.08	59.69	60.29	60.29	60.29	59.77	59.45	59.03	58.98	58.77	58.77	58.82	58.98	59.19	59.35	59.40	59.24	59.14	59.27	59.27
13	59.03	59.19	59.24	59.19	59.30	59.56	59.93	60.40	60.50	60.71	60.48	60.25	59.93	59.77	59.72	59.82	60.03	60.50	61.06	61.29	61.55	61.70	61.66	61.55	60.27
14	61.66	61.70	61.76	61.66	61.82	62.29	62.76	63.13	63.44	63.65	63.50	63.08	62.60	62.60	62.34	62.55	62.86	63.39	63.41	63.97	64.23	64.44	64.54	64.65	63.49
15	64.70	64.76	64.86	64.66	64.76	65.07	65.49	65.80	66.11	66.28	65.99	65.47	65.12	64.84	64.67	64.70	64.81	65.27	65.75	66.07	66.20	66.38	66.41	66.28	65.44
16	66.07	65.86	65.96	65.84	65.84	65.96	66.17	66.24	66.48	66.48	66.14	65.44	64.86	64.60	64.52	64.54	64.54	64.63	64.96	65.07	65.17	65.28	65.23	64.91	65.44
17	64.59	64.59	64.46	64.17	64.12	64.07	63.97	63.92	64.02	63.92	63.65	62.71	61.92	61.45	61.29	61.29	61.24	61.29	61.40	61.40	61.34	61.22	61.19	60.98	62.68
18	60.61	60.35	59.98	59.56	59.54	59.65	60.03	60.13	60.24	60.55	60.55	60.24	59.96	59.61	59.51	59.56	59.66	59.82	60.11	60.03	60.05	60.22	60.13	60.18	60.10
19	60.63	60.03	59.98	60.13	59.82	60.18	60.45	60.71	60.82	61.24	61.13	60.71	60.42	60.35	60.40	60.29	60.46	60.88	61.36	61.76	62.02	62.23	62.18	61.97	60.81
20	61.95	61.95	61.60	61.55	61.76	62.37	62.18	62.71	63.28	63.60	63.50	62.76	62.29	62.18	60.23	60.23	62.29	62.92	63.39	63.65	63.97	64.60	64.54	64.28	62.65
21	64.23	64.02	63.91	63.60	63.55	63.86	64.18	64.07	64.39	64.58	64.44	64.03	63.39	63.02	62.97	62.97	63.08	63.39	63.76	63.72	63.86	64.39	64.43	64.33	63.84
22	64.21	64.18	64.09	63.91	63.97	64.02	64.18	64.54	64.70	64.86	64.60	64.02	63.58	63.34	63.18	63.31	63.49	63.60	63.76	63.97	63.91	63.91	63.70	63.44	63.94
23	63.62	62.76	62.44	62.29	62.02	62.18	62.23	62.39	62.60	62.33	62.02	61.34	60.71	60.43	60.18	60.18	60.02	60.02	60.06	60.02	60.02	59.98	59.71	59.39	61.18
24	58.98	58.57	58.07	57.86	57.30	57.20	57.37	57.20	57.56	57.93	57.86	57.77	57.46	57.56	58.09	58.72	59.24	60.05	60.40	60.82	61.06	61.55	62.02	62.11	58.87
25	62.55	62.55	62.50	62.50	62.68	62.92	63.52	63.86	64.49	64.65	64.14	64.03	63.65	63.29	63.29	63.23	63.21	63.21	63.23	63.47	63.55	63.55	63.51	63.23	63.37
26	62.95	62.81	62.45	61.81	61.87	61.81	62.03	61.66	61.87	61.97	61.60	60.96	60.61	60.32	60.24	60.08	60.16	60.32	60.50	60.61	60.55	60.61	60.55	60.45	61.20
27	60.32	60.08	60.03	59.92	61.01	60.06	60.40	60.40	61.50	61.63	61.56	61.25	60.90	60.66	60.66	60.82	60.12	61.21	61.55	61.55	61.74	61.77	61.70	61.74	60.95
28	61.79	61.74	61.74	61.66	61.66	62.12	62.52	62.99	63.39	63.76	63.54	63.18	62.65	62.36	62.36	62.71	62.92	63.23	63.60	63.86	64.23	64.49	64.44	63.02	63.02
29	64.54	64.49	64.49	64.54	64.53	64.86	65.17	65.22	65.38	65.57	65.49	64.91	64.47	64.12	63.92	63.94	64.02	64.07	63.98	64.02	63.90	63.76	63.50	64.45	64.45
30	63.13	62.66	62.52	62.10	62.34	62.39	62.50	62.50	62.30	62.30	61.97	61.19	60.19	59.72	59.85	59.37	59.35	59.24	59.35	59.45	59.35	59.14	58.93	58.72	59.86
31	58.73	58.09	57.62	57.46	57.30	57.30	57.36	57.20	57.65	58.09	57.84	57.32	56.45	56.54	56.62	57.08	57.29	57.62	58.20	58.72	59.18	59.51	59.72	59.77	57.86
Mean	61.24	61.15	60.92	60.80	60.70	61.00	61.31	61.42	61.75	61.85	61.66	61.11	60.64	60.47	60.28	60.33	60.42	60.73	61.01	61.17	61.34	61.53	61.43	61.25	61.06

Barometric Pressure.

(In millimetres).

MONTHLY MEANS FOR EVERY HOUR.

MONTH.	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
January...	762.79	762.68	762.56	762.52	762.49	762.44	762.61	762.66	763.04	763.21	763.17	762.99	762.59	762.15	762.13	762.06	762.08	762.06	762.25	762.43	762.56	762.69	762.69	762.68	762.58
February...	58.33	58.21	58.12	58.08	58.21	58.87	58.65	59.04	59.21	59.37	59.10	58.68	58.19	57.82	57.76	57.34	57.97	57.97	58.17	58.38	58.47	58.60	58.52	58.48	58.40
March.....	59.82	59.78	59.68	59.52	59.67	59.78	59.95	60.18	60.19	60.39	60.18	59.94	59.51	59.15	58.97	58.60	58.79	58.89	59.04	59.14	59.42	59.72	59.70	59.68	59.50
April.....	59.38	59.26	59.42	59.17	59.50	59.64	59.67	59.99	60.02	60.08	60.52	60.31	59.27	58.97	58.76	58.56	58.59	58.53	58.51	58.80	59.15	59.42	59.68	59.67	59.41
May.....	57.61	57.24	57.20	57.21	57.24	57.82	57.62	57.72	57.73	57.73	57.52	57.32	57.56	56.79	56.49	56.19	56.26	56.31	56.66	57.02	57.06	57.34	57.25	57.22	57.17
June.....	57.18	57.14	57.18	57.22	57.30	57.86	57.46	57.91	57.58	57.55	57.36	57.07	56.40	56.18	55.80	55.79	55.84	55.90	56.54	56.80	57.26	57.26	57.22	57.20	56.96
July.....	54.78	54.65	54.60	54.57	54.55	54.60	54.66	54.94	55.03	54.91	54.72	54.55	53.91	53.78	53.51	53.25	53.08	52.94	53.08	53.44	53.97	54.27	54.36	54.36	54.10
August.....	55.50	55.42	55.41	55.30	55.27	55.38	55.52	55.41	55.61	55.50	55.17	55.37	54.93	54.73	54.46	54.18	54.08	54.10	54.30	54.72	55.10	55.42	55.52	55.52	55.06
September...	58.47	58.42	58.36	58.35	58.34	58.40	58.54	58.72	58.78	58.68	58.47	58.17	57.92	57.47	57.24	57.13	57.17	57.25	57.45	58.03	58.44	58.68	58.67	58.64	58.15
October.....	59.99	59.92	59.84	59.82	59.85	59.96	60.24	60.47	60.60	60.54	60.26	59.84	59.45	59.11	58.96	58.31	58.31	58.96	59.34	59.65	59.88	60.08	60.14	60.14	59.83
November...	60.71	60.60	60.56	60.52	60.54	60.74	60.96	61.06	61.23	61.32	60.95	60.46	60.02	59.77	59.63	59.72	59.87	60.13	60.49	60.78	60.91	60.99	60.98	60.87	60.58
December...	61.24	61.15	60.92	60.80	60.79	61.00	61.31	61.42	61.75	61.85	61.66	61.11	60.64	60.47	60.28	60.33	60.42	60.73	61.01	61.17	61.34	61.53	61.43	61.25	60.95
MEAN.....	58.81	58.70	58.68	58.56	58.64	58.75	58.92	59.10	59.20	59.24	59.07	58.82	758.32	58.02	57.82	57.73	57.76	57.82	58.09	58.39	58.70	58.98	58.96	58.84	58.57

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

January..	+0.21	+0.05	-0.02	-0.06	-0.09	-0.14	+0.03	+0.08	+0.46	+0.73	+0.59	+0.41	+0.01	-0.43	-0.45	-0.52	-0.50	-0.50	-0.33	-0.15	-0.02	+0.11	+0.11	+0.11	..
February..	-0.07	-0.19	-0.28	-0.37	-0.19	-0.03	-0.25	-0.64	-0.31	-0.97	-0.70	+0.28	-0.21	-0.58	-0.64	-0.62	-0.54	-0.43	-0.22	-0.02	+0.07	+0.20	+0.12	+0.06	..
March....	+0.32	+0.28	+0.18	+0.02	+0.17	-0.28	-0.45	-0.63	-0.73	-0.80	-0.68	-0.44	+0.01	-0.35	-0.53	-0.81	-0.71	-0.61	-0.46	-0.36	-0.06	+0.22	+0.20	+0.15	..
April.....	-0.09	-0.15	+0.01	-0.24	+0.09	-0.23	+0.36	-0.58	+0.61	-0.67	+1.11	+0.90	-0.14	-0.44	-0.65	-0.85	-0.88	-0.90	-0.61	-0.21	+0.01	+0.27	+0.27	+0.26	..
May.....	-0.14	-0.07	-0.03	-0.04	-0.07	-0.15	-0.35	-0.55	-0.56	-0.56	-0.35	-0.18	-0.23	-0.33	-0.68	-0.98	-0.92	-0.86	-0.51	-0.15	-0.01	+0.17	+0.08	+0.06	..
June.....	-0.22	-0.18	-0.22	-0.26	-0.34	-0.40	-0.50	-0.95	-0.62	-0.59	-0.40	-0.11	-0.59	-0.78	-1.16	-1.17	-1.12	-1.04	-0.45	-0.11	+0.30	+0.30	+0.26	+0.24	..
July.....	-0.68	-0.55	-0.50	-0.47	-0.45	-0.80	-0.76	-0.34	-0.93	-0.81	-0.62	-0.45	-0.19	-0.32	-0.59	-0.85	-1.02	-1.11	-1.05	-0.61	-0.13	+0.17	+0.21	+0.26	..
August....	-0.44	-0.36	-0.35	-0.24	-0.21	-0.32	-0.46	-0.35	-0.55	-0.44	-0.11	-0.31	-0.13	-0.33	-0.60	-0.88	-0.98	-0.94	-0.70	-0.34	+0.04	+0.31	+0.46	+0.46	..
September.	-0.32	-0.27	-0.21	-0.20	+0.19	+0.25	-0.39	-0.57	-0.63	-0.63	-0.82	-0.02	-0.23	-0.68	-0.91	-1.02	-0.98	-0.90	-0.61	-0.12	-0.21	-0.41	+0.52	+0.49	..
October...	-0.16	-0.09	-0.01	-0.01	-0.02	-0.13	-0.41	-0.64	-0.77	-0.71	-0.43	-0.01	-0.38	-0.72	-0.86	-1.02	-1.02	-0.87	-0.41	-0.18	-0.05	+0.25	+0.31	+0.31	..
November...	-0.13	-0.02	-0.02	-0.06	-0.04	-0.16	-0.38	-0.48	-0.75	-0.74	-0.37	-0.12	-0.56	-0.81	-0.90	-0.86	-0.71	-0.41	-0.05	+0.20	-0.33	+0.41	+0.40	+0.32	..
December.	-0.29	-0.20	-0.03	-0.15	-0.16	-0.05	-0.36	-0.47	-0.60	-0.90	+0.71	+0.16	-0.31	-0.48	-0.67	-0.62	-0.53	-0.25	+0.01	+0.22	-0.39	+0.08	+0.48	+0.30	..
MEAN....	+0.23	+0.14	+0.10	+0.03	+0.09	+0.19	-0.38	+0.57	+0.68	+0.70	+0.45	+0.26	-0.24	-0.53	-0.64	-0.85	-0.83	-0.74	-0.46	-0.17	+0.10	+0.30	+0.29	+0.25	..

Relative Humidity.

(Callendar Electric Recorder and Platinum Wire Thermometer).

April, 1900.

HOURS OF OBSERVATION.

DATE	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	..	59.2	..	38.5	..	30.7	55.3	71.6	..	52.0	..	16.0	21.5	19.0	29.0	34.0	26.0	35.0	32.0	51.0	48.0	62.0	65.0	58.0	[47]
2	70.2	77.5	21.5	16.0	16.0	25.7	44.7	52.0	66.5	66.5	66.5	67.0	68.0	66.5	60.0	67.0	69.0	77.0	75.0	80.0	77.0	79.0	84.0	91.0	61.40
3	89.0	89.5	89.5	85.0	87.0	78.0	79.0	79.0	72.0	63.0	40.0	32.5	34.0	41.0	38.0	41.0	37.0	43.5	50.0	60.0	60.0	87.0	78.0	83.0	64.0
4	64.0	73.0	66.0	78.0	68.0	76.0	61.4	56.0	..	46.0	40.0	32.0	31.0	28.0	31.0	34.0	40.0	47.0	53.0	61.0	61.0	68.5	74.0	74.0	[54]
5	72.0	69.0	78.0	79.0	76.0	71.0	72.0	72.5	68.5	71.0	47.0	62.5	57.0	51.0	42.0	54.0	58.0	60.0	71.5	76.5	82.0	76.5	80.0	80.0	67.54
6	82.0	91.0	80.5	57.5	83.5	90.5	74.0	64.0	53.0	52.0	42.0	49.0	60.0	51.0	58.5	50.5	55.0	48.0	62.0	74.0	71.0	80.0	79.0	90.0	66.50
7	93.0	68.0	95.0	59.0	86.0	79.0	93.0	78.0	52.0	44.0	29.0	26.5	22.0	20.0	21.0	23.0	24.0	32.0	43.5	41.5	58.0	69.0	77.5	78.0	54.46
8	76.0	62.0	68.0	60.0	68.5	80.0	78.3	74.0	55.0	42.5	39.5	40.0	40.0	29.5	29.0	32.0	36.0	35.0	43.0	57.0	63.5	85.0	84.5	88.0	56.70
9	91.5	97.0	97.0	96.0	97.0	94.5	71.0	60.5	59.0	43.0	20.0	21.0	17.5	17.5	14.0	18.0	20.0	27.0	40.5	46.0	61.0	61.0	75.0	93.0	55.75
10	88.0	97.0	86.5	85.0	94.0	97.0	83.5	71.5	66.0	54.0	32.5	32.0	20.0	20.0	17.0	19.0	17.0	18.0	27.0	61.5	73.0	71.5	83.0	90.0	58.48
11	88.0	100.0	98.0	97.5	97.0	96.0	68.5	69.0	61.0	49.0	24.0	23.0	21.0	15.0	21.0	35.0	42.5	33.0	39.0	48.0	50.0	51.0	56.0	59.0	55.90
12	55.0	51.0	48.5	61.5	66.0	69.5	74.5	55.0	36.0	30.5	24.0	23.0	28.0	27.0	21.0	26.0	28.0	30.5	39.0	35.5	32.0	36.5	41.0	48.0	40.88
13	67.0	77.0	87.5	90.0	96.0	86.0	72.5	47.0	45.0	40.0	38.0	39.5	49.0	54.0	36.0	37.0	40.0	63.0	48.0	40.5	49.0	40.5	49.0	40.5	55.46
14	50.0	42.5	49.0	41.0	49.0	84.5	73.0	58.0	..	31.0	34.0	34.0	..	30.0	37.0	31.0	35.0	39.0	45.0	58.5	59.0	75.0	78.0	71.0	[58]
15	73.5	71.0	75.0	74.0	80.5	81.0	73.5	57.5	46.0	38.0	30.0	33.0	32.5	29.5	31.0	33.0	33.5	38.0	51.5	54.0	58.5	57.0	57.5	56.0	52.71
16	82.0	74.5	67.0	68.0	70.0	70.0	69.0	53.0	44.5	40.0	41.0	49.0	..	34.0	25.0	49.0	58.0	53.0	74.5	52.0	61.0	65.0	64.5	70.0	[56]
17	66.5	68.5	69.5	69.0	61.0	69.5	..	77.0	..	51.0	..	39.0	..	31.0	..	28.0	..	37.0	..	51.0	..	81.0	..	78.0	[59]
18	..	76.5	..	..	..	88.0	..	72.0	..	48.0	..	24.0	..	29.0	..	29.0	..	33.0	..	57.0	..	..	..	..	[59]
19	..	..	..	..	..	88.0	..	65.5	..	44.0	34.0	34.0	..	33.0	..	27.0	..	51.5	..	51.0	..	..	..	..	[56]
20	..	..	..	..	..	79.0	..	75.0	..	56.0	32.0	38.5	..	31.0	..	30.0	..	31.0	..	42.0	..	..	..	..	[55]
21	..	..	..	..	..	80.5	93.0	70.0	48.0	30.0	18.0	19.0	11.5	10.0	11.0	11.0	29.0	23.0	32.0	52.5	59.0	61.0	69.0	76.0	[54]
22	87.0	93.0	100.0	79.5	89.0	100.0	87.0	67.0	44.0	34.0	25.0	25.0	30.0	18.0	19.0	20.0	15.0	24.0	38.0	39.5	45.0	61.5	68.0	90.0	54.10
23	91.0	95.0	96.5	98.0	100.0	84.5	73.5	69.5	54.0	39.0	26.0	26.0	20.0	20.5	21.0	27.5	18.0	24.5	38.5	25.0	30.0	38.0	47.5	38.0	50.06
24	47.0	64.5	48.0	76.0	77.5	32.0	58.0	27.5	20.5	27.0	45.0	47.0	49.0	50.0	50.0	46.0	52.5	55.0	58.0	47.0	60.0	63.5	73.0	65.0	51.63
25	61.0	65.0	60.0	65.0	76.5	43.0	49.0	41.0	40.0	31.5	20.5	17.0	20.0	17.0	17.0	21.0	17.5	27.0	33.5	46.0	50.5	44.5	45.0	44.0	39.69
26	41.5	65.5	55.0	57.0	..	66.0	54.0	45.5	36.0	28.0	10.0	21.0	14.0	15.0	19.0	16.5	13.0	16.0	24.0	27.0	30.0	30.0	28.0	21.0	[39]
27	22.0	20.0	22.0	27.0	50.0	53.0	51.5	42.0	26.0	20.5	11.0	12.0	15.0	11.0	14.0	13.0	11.0	14.0	16.0	14.5	15.5	21.0	21.0	27.0	22.92
28	21.0	19.0	22.0	22.0	24.0	25.0	..	27.0	..	11.0	..	12.0	..	12.0	..	13.0	..	16.0	..	32.0	..	..	..	..	[21]
29	..	..	..	..	..	74.0	..	62.0	..	29.0	..	23.0	15.0	15.5	14.0	12.0	13.0	18.0	31.0	30.5	34.0	28.0	31.0	45.0	[40]
30	58.5	61.0	64.0	61.0	63.5	57.5	72.0	52.0	52.0	23.0	26.0	20.0	18.5	15.0	18.0	20.5	26.0	28.0	..	34.0	48.0	..	..	..	[36]
Mean	68.65	72.57	68.45	67.08	78.41	71.65	70.32	60.32	50.05	41.15	30.08	31.25	29.19	28.03	28.51	29.93	32.12	35.90	40.78	48.20	50.50	57.70	61.23	63.20	50.34

Relative Humidity.

(Callendar Electric Recorder and Platinum Wire Thermometer).

May, 1900.

DATE	HOURS OF OBSERVATION.																								Mdnt.	MEAN
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23			
1	68.0	..	36.0	..	48.5	12.5	12.0	17.0	19.0	18.0	18.0	20.0	21.5	29.0	37.0	38.0	41.5	46.5	50.5	41	
2	51.0	64.5	62.0	64.5	68.0	61.5	72.0	51.5	25.5	72.0	21.5	20.5	14.5	18.5	23.5	15.0	26.5	28.5	29.5	30.5	34.5	..	..	..	40
3	74.5	51.5	39.0	25.5	24.5	24.5	21.5	19.0	19.5	18.5	17.5	19.0	20.5	23.0	26.5	25.0	..	..	..	35	
4	34.0	29.5	20.5	21.0	49.0	14.0	..	..	..	..	15.5	16.5	18.0	23.0	31.0	36.0	26.0	27.5	27.5	25	
5	36.0	23.5	50.0	54.0	55.5	23.5	33.5	27.5	28.0	26.5	34.0	33.0	48.0	34.5	36.0	40.5	38.5	51.5	57.5	50.5	46.5	..	..	..	40
6	83.0	79.5	72.0	70.0	59.5	47.0	39.5	40.5	35.0	30.5	33.5	23.0	42.0	50.0	60.0	60.5	..	..	..	58	
7	83.5	72.0	54.5	54.5	58.5	48.0	34.5	37.5	35.5	36.5	37.0	39.5	46.5	56.5	62.5	69.5	..	..	..	58	
8	88.5	79.5	59.0	57.5	43.0	44.0	31.0	32.0	30.0	35.0	36.5	34.0	35.5	42.5	45.5	46.5	..	..	..	55	
9	78.0	22.5	23.5	29.0	29.5	32.5	17.5	30.0	27.5	30.5	25.0	25.5	30.0	35.5	46.5	53.5	..	..	..	57	
10	89.5	64.5	42.0	22.5	20.0	20.0	14.5	17.0	16.5	24.5	16.0	16.5	18.5	21.5	23.0	35.5	..	..	..	46	
11	62.5	51.0	43.0	32.5	27.5	57.5	16.0	..	..	..	..	16.5	19.0	13.0	26.0	24.5	..	..	..	30	
12	23.0	21.5	23.0	24.0	24.5	22.5	40.5	..	16.5	15.5	..	28.5	35.5	43.5	58.5	55.0	..	..	..	18	
13	90.5	81.0	73.5	58.5	53.0	44.5	42.5	37.0	29.5	29.0	28.5	25.0	30.0	39.0	43.0	48.5	..	..	..	55	
14	70.5	74.5	66.5	57.5	50.5	41.5	25.0	32.5	32.5	31.5	30.5	28.5	32.5	33.0	32.5	37.5	..	..	..	38	
15	90.0	63.0	45.5	39.0	26.5	27.5	25.0	19.5	22.5	22.5	23.5	24.5	25.0	28.0	24.5	34.5	..	..	..	46	
16	90.5	67.5	51.0	36.0	24.5	26.5	21.5	22.5	21.5	16.0	20.0	24.0	22.5	25.0	36.0	35.5	44.5	52.0	57.0	40	
17	65.5	58.0	72.0	76.5	73.0	70.0	60.5	50.0	34.5	21.5	19.0	15.0	18.5	13.0	..	..	12.5	18.5	26.0	26.0	18.5	..	..	..	32
18	45.5	24.5	19.5	14.5	14.0	16.0	14.5	15.5	15.0	..	..	..	..	..	..	..	..	..	..	22	
19	72.5	73.0	69.5	67.0	52.5	49.0	43.5	38.0	27.5	29.5	24.5	34.5	30.0	39.0	47.0	50.5	..	..	..	38	
20	80.0	74.0	74.0	61.5	53.0	47.0	42.0	35.5	29.5	27.5	30.5	27.5	35.5	45.0	58.5	58.5	..	..	..	58	
21	88.5	74.5	69.0	58.0	40.5	38.5	33.5	28.5	29.0	28.0	28.0	26.0	30.5	32.0	41.5	48.5	..	..	..	53	
22	87.0	81.0	66.0	48.5	36.5	28.5	22.5	23.0	20.0	20.5	20.5	23.5	24.5	26.0	29.5	34.0	..	..	..	46	
23	55.5	52.5	35.5	23.5	17.5	15.5	14.5	36.0	11.0	13.5	13.0	17.5	18.0	17.0	20.5	23.5	..	..	..	32	
24	56.0	56.0	51.5	63.5	61.0	50.0	37.0	36.0	28.5	26.0	30.5	35.5	38.5	40.5	59.5	60.5	..	..	..	46	
25	80.0	81.5	74.5	62.5	60.5	50.5	44.5	44.5	40.5	35.5	33.5	32.5	34.5	41.5	45.5	52.5	..	..	..	56	
26	80.5	75.5	69.0	60.0	54.5	46.0	45.5	41.5	37.5	38.0	35.5	38.0	39.5	44.5	45.5	46.0	..	..	..	53	
27	71.0	59.5	41.5	37.0	35.5	38.5	33.0	36.0	36.5	30.5	40.0	45.5	55.0	43.0	35.5	30.5	..	..	..	44	
28	45.5	41.5	41.0	38.5	29.0	28.5	27.5	26.0	22.5	23.5	21.5	23.0	26.0	36.5	42.5	46.0	..	..	..	38	
29	73.0	65.5	58.5	48.0	44.5	32.0	23.5	20.5	21.5	14.0	29.5	28.5	29.5	31.0	33.5	31.5	..	..	..	41	
30	42.0	46.5	42.5	36.5	49.5	44.5	38.5	41.5	44.0	40.5	41.5	40.0	44.5	47.5	52.5	54.0	..	..	..	48	
31	88.0	71.5	42.5	36.5	35.0	24.5	19.5	18.5	21.0	12.0	14.5	13.5	25.0	43.5	54.5	62.5	..	..	..	47	
Mean	66.17	59.97	49.27	42.43	40.08	33.74	28.32	28.88	25.60	25.04	25.11	26.90	30.87	35.37	40.70	43.25	..	..	..	48.0	

Relative Humidity.

(Callendar Electric Recorder and Platinum Wire Thermometer).

June, 1900.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	86.0	81.0	78.5	56.5	51.0	35.5	37.0	27.0	24.0	25.0	25.0	23.0	24.8	27.0	34.0	34.1	..	..	..	50
2	84.5	72.5	67.5	61.0	48.0	42.5	34.5	30.1	26.9	29.9	24.0	25.1	28.0	35.5	42.7	49.6	..	..	..	57
3	90.0	75.5	72.5	57.5	68.5	64.0	57.5	53.0	48.1	40.0	37.5	34.6	32.0	40.6	44.0	50.0	..	..	..	61
4	79.5	73.0	66.5	58.0	49.0	66.0	49.0	35.0	38.5	32.5	29.0	26.0	24.8	27.7	34.0	32.6	..	..	..	53
5	48.5	27.5	28.5	22.5	23.0	20.5	18.5	19.0	18.0	18.2	22.6	20.0	21.0	17.5	23.6	27.6	..	..	..	27
6	62.0	45.5	40.0	28.0	19.5	16.0	14.0	13.5	14.3	14.2	15.1	16.6	19.4	15.5	31.5	43.6	..	..	..	46
7	93.5	70.5	60.0	47.5	27.0	22.5	21.5	15.0	12.6	12.6	15.2	14.5	17.4	21.0	27.9	34.5	..	..	..	45
8	62.0	44.0	27.0	23.5	21.5	20.5	20.5	15.4	16.0	16.0	18.7	16.0	24.5	28.8	31.5	38.0	..	..	..	36
9	81.5	60.5	61.5	36.0	24.5	21.5	21.0	21.0	23.8	23.0	21.0	24.3	30.0	37.5	44.0	48.5	..	..	..	47
10	75.0	65.5	48.0	35.0	31.0	26.0	24.0	20.8	20.2	18.5	16.8	17.5	22.0	27.0	29.5	32.0	..	..	..	43
11	88.5	52.0	61.5	58.5	45.5	42.5	42.5	32.5	24.5	13.8	13.7	14.7	25.1	29.6	32.0	29.8	..	..	..	40
12	67.0	73.5	60.5	38.0	35.5	33.5	29.5	28.5	25.5	24.0	28.8	31.5	30.4	36.0	41.2	46.9	..	..	..	48
13	86.5	78.5	75.0	74.0	58.5	50.5	35.5	35.6	33.4	30.5	21.6	23.7	25.0	29.6	35.9	46.0	..	..	..	56
14	80.0	78.0	70.0	66.5	61.0	51.5	50.5	36.2	29.7	28.8	25.5	23.0	26.5	29.6	39.5	48.5	..	..	..	55
15	88.5	88.5	73.5	62.0	54.5	47.5	42.5	35.0	30.0	24.5	21.6	20.6	25.0	33.0	38.0	43.5	..	..	..	54
16	89.5	72.5	63.5	54.5	46.0	42.5	42.5	36.0	32.4	33.5	32.0	27.0	27.8	33.0	34.0	32.5	..	..	..	48
17	73.5	72.5	55.5	58.0	54.0	35.0	33.5	33.6	25.0	30.1	24.4	24.1	19.0	31.5	33.0	43.5	..	..	..	48
18	70.5	73.0	60.5	52.5	51.0	45.5	44.0	38.4	34.1	28.0	25.0	28.0	30.4	37.2	41.0	53.8	..	..	..	55
19	86.5	82.0	79.5	58.5	50.5	43.0	40.0	36.9	33.8	33.1	32.8	33.8	35.1	39.4	43.5	49.4	..	..	..	56
20	81.0	77.5	70.5	61.5	52.5	45.0	42.0	36.9	35.2	32.0	29.4	25.7	33.0	34.8	40.5	45.5	..	..	..	54
21	80.5	78.5	68.5	71.0	59.0	52.5	52.5	47.5	41.6	39.7	35.2	22.5	24.5	23.4	28.8	36.5	..	..	..	56
22	74.5	78.5	78.5	60.5	60.5	45.0	44.0	36.3	37.5	33.0	30.3	29.4	40.5	36.0	46.4	52.4	..	..	..	53
23	86.5	80.5	73.5	64.5	52.5	42.5	40.0	33.3	28.4	25.5	23.4	20.4	23.0	27.8	33.0	36.5	..	..	..	52
24	84.0	81.0	72.5	49.0	42.5	29.5	26.5	21.2	20.5	17.5	17.5	19.6	18.0	24.4	27.0	33.5	..	..	..	48
25	56.5	59.5	54.0	45.0	42.0	35.5	26.5	23.8	22.0	21.0	20.5	20.5	20.5	28.4	36.0	43.0	..	..	..	44
26	93.0	95.5	86.0	72.0	60.0	43.5	40.5	30.8	25.0	26.0	23.8	24.4	26.7	28.0	36.6	42.0	..	..	..	54
27	86.5	87.5	72.5	62.5	49.0	43.5	37.5	34.5	32.0	29.0	25.5	22.8	28.0	32.0	37.0	45.5	..	..	..	54
28	80.5	67.5	70.0	57.0	49.0	43.0	39.0	32.8	29.2	26.0	25.2	25.3	25.4	29.5	37.0	43.5	..	..	..	60
29	89.5	77.5	75.5	68.5	58.0	49.5	36.5	32.0	24.0	24.0	22.5	23.0	34.3	35.5	43.5	52.5	..	..	..	57
30	89.5	74.5	72.5	66.5	59.0	55.5	47.5	39.0	35.5	31.0	26.0	26.5	27.5	33.0	39.0	49.0	..	..	..	57
Mean	79.00	71.49	64.47	54.33	46.62	40.52	36.23	31.02	27.72	26.01	24.32	22.47	26.32	30.53	36.19	42.14	..	..	..	50.20

Relative Humidity.

(Callendar Electric Recorder and Platinum Wire Thermometer).

July, 1900.

DATE	HOURS OF OBSERVATION.																								Mdnt.	MEAN
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23			
1						80.0	73.0	69.5	57.5	44.0	27.0	22.0	21.5	18.5	5.0	17.5	17.5	20.5	27.0	37.0	43.0				[47]	
2						70.5	64.5	56.5	45.5	32.5	32.5	31.5	30.0	31.0	31.0	31.0	31.0	35.0	42.5	51.5	55.5				[52]	
3						85.5	82.5	70.0	63.5	54.0	51.5	45.5	40.5	38.5	36.5	34.5	35.5	40.0	48.0	52.0	61.0				[59]	
4						82.5	77.0	70.5	64.5	57.5	47.5	43.0	40.5	38.0	28.5	27.0	23.0	26.5	31.5	35.0	38.0				[49]	
5						82.0	72.5	67.0	61.5	49.0	45.0	36.0	32.0	32.5	27.0	25.5	26.5	30.5	34.0	40.0	53.5				[54]	
6						83.5	70.0	67.5	59.0	51.5	44.0	35.5	32.0	28.5	24.0	26.5	22.0	24.5	29.5	38.0	48.5				[49]	
7						81.5	84.0	73.5	62.5	56.5	46.5	35.5	24.5	18.5	16.0	16.0	17.5	20.5	26.0	38.5	48.5				[45]	
8						92.0	81.5	68.5	48.5	44.0	37.5	26.5	20.0	22.0	23.0	18.5	22.0	26.5	35.5	42.0	42.5				[50]	
9						78.0	73.5	62.5	54.5	52.0	43.0	37.0	35.5	31.5	32.5	30.0	30.0	30.5	48.0	50.5	60.0				[55]	
10						76.5	67.5	58.5	54.5	51.5	43.5	40.5	32.5	34.5	37.0	32.0	37.0	35.0	42.0	50.5	54.0				[54]	
11						76.5	75.0	53.5	48.5	50.0	42.5	43.5	38.5	36.5	37.0	31.5	34.5	32.0	40.0	50.5	52.5				[52]	
12						77.5	70.5	59.5	52.5	49.0	42.5	39.0	39.0	36.0	32.5	31.5	34.0	32.5	36.0	50.5	57.5				[57]	
13						76.0	72.5	63.5	54.0	45.5	43.5	38.5	35.5	35.5	28.5	32.0	26.0	28.0	34.5	44.5	50.5				[48]	
14						77.5	73.5	54.5	51.0	50.5	40.0	39.5	40.5	36.5	36.0	34.0	32.5	33.5	36.0	45.0	50.5				[52]	
15						82.0	68.5	67.5	62.5	50.0	38.5	34.5	28.0	29.0	26.5	23.0	24.0	28.5	36.5	43.0					[49]	
16						73.5	60.0	54.5	38.5	30.5	24.0	20.5	20.5	21.0	20.5	17.5	20.5	23.5	27.0	29.0	38.0				[43]	
17						87.5	74.5	68.5	58.0	49.0	36.5	35.0	30.0	27.5	27.0	27.0	29.5	32.5	46.5	50.5	56.5				[56]	
18						82.0	75.0	63.5	56.0	51.0	44.5	40.5	31.5	32.0	34.0	30.0	30.0	35.0	43.0	50.0	55.5				[57]	
19						80.5	72.0	67.5	64.0	55.5	49.5	40.5	35.0	29.0	27.5	24.5	24.0	30.0	38.5	43.0	50.5				[52]	
20						87.5	79.5	72.5	61.5	45.0	36.0	27.0	24.5	18.5	21.5	22.0	23.0	25.5	31.5	35.0	41.0				[47]	
21						78.0	72.5	66.5	55.5	39.5	28.5	28.5	24.5	24.5	21.5	26.5	28.0	26.0	32.5	35.5	50.5				[51]	
22						81.0	75.0	73.0	64.0	53.5	40.5	27.5	17.0	19.0	18.5	22.0	20.0	26.5	31.5	36.5	40.5				[45]	
23						90.5	78.5	73.5	65.0	57.0	48.5	26.5	18.5	19.0	20.0	20.0	22.5	23.0	36.0	40.0	49.0				[53]	
24						82.0	75.5	69.0	52.0	43.0	34.0	29.0	26.5	23.0	18.5	18.5	19.0	22.5	28.5	43.5	46.0				[47]	
25						79.5	78.0	72.0	63.0	51.5	38.5	25.5	26.0	24.0	24.5	26.0	26.0	34.0	42.0	43.0	49.5				[51]	
26						78.5	79.5	74.5	64.5	58.5	48.5	39.0	38.0	31.5	34.0	44.5	36.0	40.5	47.5	53.0	64.0				[58]	
27						84.5	79.5	69.0	64.5	57.5	59.0	50.5	43.5	37.0	36.5	46.0	38.0	40.5	39.0	44.5	60.5				[60]	
28						85.5	80.0	74.0	65.0	61.5	56.5	50.0	43.5	37.0	34.0	30.0	34.0	37.0	49.5	53.0	57.0				[58]	
29						92.0	89.5	85.0	82.5	73.5	69.5	58.0	51.0	53.5	45.0	49.5	49.0	52.5	61.0	64.0	68.5				[71]	
30						98.0	92.0	89.0	81.5	73.0	57.0	55.0	55.0	50.0	55.0	53.5	49.5	48.0	55.5	65.5	68.0				[69]	
31						91.5	78.5	74.5	64.0	62.5	49.0	43.0	35.0	26.0	26.5	24.5	26.0	23.5	30.0	32.0	34.5				[63]	
Mean						82.88	75.69	68.39	59.32	51.80	43.60	36.98	32.80	30.13	28.69	28.90	28.61	30.97	37.99	44.88	40.90				[53.68]	

Relative Humidity.

(Callendar Electric Recorder and Platinum Wire Thermometer.)

August, 1900.

HOURS OF OBSERVATION.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN.
1	68.8	80.0	83.9	88.8	91.8	91.8	78.8	73.9	63.9	63.9	49.4	42.2	34.2	25.1	24.2	21.8	24.9	24.8	31.0	33.1	33.0	27.2	28.9	35.2	50.44
2	44.0	62.7	75.2	91.5	97.0	83.1	84.6	98.0	65.8	41.4	28.8	25.2	15.8	20.2	19.0	15.0	17.0	25.2	32.2	46.4	55.6	53.4	58.2	66.7	50.92
3	67.0	78.2	83.0	84.0	96.0	94.0	94.0	84.0	76.2	56.0	50.9	44.9	38.0	26.6	22.4	28.0	30.6	36.7	39.5	45.2	55.0	58.7	64.6	66.2	59.15
4	75.2	78.0	87.0	90.9	91.0	81.7	76.4	71.1	65.3	50.7	46.4	43.2	39.0	35.0	32.5	31.6	35.1	33.6	50.6	52.0	55.2	61.2	64.5	65.5	58.86
5	60.6	74.8	77.9	85.0	83.4	81.5	86.0	64.1	59.2	51.1	43.4	37.2	35.1	33.9	33.9	33.6	35.2	45.6	56.9	57.6	67.4	77.5	81.4	80.6	60.08
6	80.1	80.0	81.0	83.0	90.5	99.0	70.5	46.5	25.0	26.1	20.6	21.0	24.1	24.4	22.8	20.7	23.9	27.0	35.2	43.6	46.2	51.2	57.0	64.2	48.48
7	69.2	71.5	74.0	72.8	72.5	81.0	74.7	71.6	62.8	44.9	38.3	37.4	27.5	25.7	23.4	24.5	25.8	29.0	39.0	46.1	49.1	49.9	59.5	59.0	51.22
8	61.5	68.2	72.5	74.7	74.0	74.4	74.8	67.8	59.8	55.4	49.8	40.8	39.6	35.2	32.4	31.9	30.8	33.8	44.0	49.9	55.2	56.1	53.2	60.8	54.08
9	60.2	64.2	70.9	74.6	74.5	77.6	72.7	65.6	55.8	52.8	47.5	45.0	38.8	35.6	30.5	32.4	34.4	36.5	44.4	52.7	57.4	60.0	61.7	61.8	54.48
10	62.3	67.8	74.0	77.8	77.7	84.0	80.6	65.0	61.4	56.8	58.2	40.9	39.8	34.7	31.0	30.3	28.4	34.8	38.2	49.2	53.8	54.4	56.1	59.2	54.86
11	65.7	69.0	73.7	76.4	73.0	87.0	91.6	81.0	67.9	56.6	48.0	41.2	38.0	36.6	36.7	38.5	36.2	38.9	41.0	46.6	56.0	55.5	61.9	62.6	57.48
12	63.8	66.3	73.4	76.1	75.0	86.0	81.0	73.0	62.4	53.2	52.2	43.6	41.8	30.6	33.6	30.0	30.4	28.0	36.0	39.2	59.0	63.9	64.1	65.2	55.33
13	63.7	70.0	72.8	76.6	78.3	87.8	88.0	80.0	70.6	65.0	49.0	44.8	28.8	20.6	20.9	21.2	20.6	25.0	26.6	35.8	42.3	44.0	48.4	56.1	51.54
14	61.5	70.1	63.7	67.3	75.8	78.0	72.8	72.8	67.4	62.6	42.0	25.4	19.4	20.6	19.2	17.4	18.8	23.2	35.4	40.4	45.4	46.6	49.3	56.1	47.97
15	59.2	72.0	71.8	73.4	68.5	80.9	77.2	77.8	50.5	40.3	48.0	42.2	37.8	34.4	30.4	27.0	27.9	34.0	42.2	48.6	54.4	57.1	62.1	68.1	53.37
16	71.6	74.0	77.0	78.2	80.1	83.2	80.3	71.0	59.2	54.6	51.8	43.6	38.6	36.2	31.9	35.2	36.2	41.2	48.7	50.4	56.2	56.2	58.9	64.5	57.45
17	64.6	66.0	67.4	69.0	73.4	80.0	81.0	65.6	48.3	52.5	44.9	38.0	39.7	35.0	34.8	36.2	36.1	36.1	40.2	46.9	59.1	58.9	61.4	67.2	54.26
18	70.1	70.8	72.7	75.5	75.1	83.4	92.0	77.0	63.5	56.9	54.7	46.7	40.2	37.6	35.0	33.9	32.7	34.7	41.9	48.5	49.9	55.8	62.2	64.1	57.29
19	61.2	68.4	72.8	76.4	77.1	86.0	94.0	79.3	66.4	57.8	53.5	41.4	40.0	42.7	36.6	36.9	36.2	41.0	48.5	58.7	60.0	66.1	68.6	73.1	60.11
20	72.8	77.6	80.3	78.1	82.2	87.3	82.0	77.0	64.9	56.6	48.1	43.4	44.3	42.5	35.2	31.4	36.7	38.7	43.4	52.1	62.2	68.4	75.6	78.2	60.79
21	83.0	86.0	86.5	92.0	91.0	88.0	78.9	76.6	60.1	50.6	37.2	27.9	28.1	26.8	22.6	21.6	22.6	28.5	36.1	39.9	36.8	37.0	39.6	35.9	51.39
22	39.7	48.5	56.6	56.0	74.0	86.9	77.0	73.8	59.4	54.1	46.9	35.4	28.2	27.8	29.9	31.8	33.6	42.3	49.4	58.6	60.9	65.8	69.0	73.2	53.28
23	78.1	77.0	79.5	82.8	90.0	90.0	74.0	58.6	56.0	46.8	41.4	37.9	37.1	37.1	33.5	34.5	40.7	41.1	51.6	64.3	66.1	72.0	73.9	60.21	
24	80.1	82.4	83.4	87.0	88.0	91.0	89.2	79.0	59.6	54.2	48.7	40.3	37.5	36.7	34.0	33.0	32.1	36.7	47.6	49.2	61.0	66.9	72.0	77.2	61.12
25	86.9	85.5	88.0	92.0	92.0	92.0	85.0	84.0	66.8	60.4	50.8	41.9	35.1	30.3	26.5	24.8	24.7	30.3	41.0	46.1	56.7	61.5	67.1	72.0	60.02
26	76.6	80.8	83.8	82.3	86.9	91.7	94.8	85.0	68.0	59.4	53.0	48.5	41.8	37.4	34.0	33.7	33.2	46.9	49.6	56.8	58.4	66.0	81.3	84.0	63.91
27	90.5	91.0	91.0	90.5	89.6	91.0	82.0	76.3	61.1	56.1	52.0	48.0	41.0	33.9	26.3	25.7	30.0	37.2	45.5	54.7	62.7	68.2	72.0	73.5	62.08
28	83.1	81.5	85.0	81.4	88.0	89.0	91.0	83.0	70.1	61.8	49.3	39.1	32.3	28.4	25.0	24.2	25.2	28.8	37.1	41.4	55.5	57.1	60.6	70.3	57.82
29	73.0	80.1	83.0	86.0	92.0	94.2	94.6	89.0	72.6	57.5	43.1	36.0	32.2	31.4	30.1	29.0	30.4	35.5	37.7	41.2	53.5	61.3	78.9	81.6	60.16
30	81.3	84.3	89.0	89.0	91.5	87.0	85.0	68.1	59.8	52.5	41.2	38.0	36.6	35.4	37.5	35.2	37.0	44.5	46.6	58.0	59.1	61.8	73.0	78.0	61.26
31	68.2	72.0	76.4	80.8	82.3	84.0	94.0	87.9	86.8	71.0	50.5	41.8	37.6	34.2	30.9	30.2	31.4	39.6	48.7	53.8	61.1	60.0	62.6	65.7	60.45
Mean	69.12	74.15	77.65	80.35	82.81	86.21	83.40	75.45	62.54	54.48	47.58	39.56	35.12	32.02	29.69	29.04	30.08	34.78	41.78	48.20	54.92	57.86	62.76	66.44	56.45

Relative Humidity.

(Callendar Electric Recorder and Platinum Wire Thermometer).

September, 1901.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Ment.	MEAN
1	68.5	72.0	72.8	74.9	77.7	79.2	81.0	75.8	65.8	60.2	57.6	45.0	43.9	36.6	34.4	38.0	41.0	53.3	55.3	58.2	64.0	66.5	73.6	76.5	61.33
2	78.0	78.7	79.5	79.2	82.6	85.3	81.6	67.6	60.0	55.4	49.2	46.0	43.0	39.3	38.2	34.3	35.8	46.4	50.4	56.8	64.2	63.4	66.0	69.0	60.41
3	66.3	72.2	77.9	76.0	76.6	80.6	73.8	61.6	53.2	50.3	44.9	46.0	39.1	39.4	38.9	40.8	45.7	52.1	56.2	64.4	69.0	68.1	72.5	79.0	60.19
4	76.0	79.4	80.1	82.0	83.0	83.4	75.0	68.6	57.2	46.8	44.2	40.6	38.9	42.0	39.4	43.0	45.2	57.4	57.6	60.0	63.5	64.7	65.3	67.4	60.86
5	67.0	72.2	76.8	80.2	82.0	77.0	72.0	66.5	61.1	52.0	47.5	45.0	45.0	41.6	41.8	40.1	46.2	47.2	55.8	64.0	69.0	66.3	68.9	72.2	60.72
6	78.2	82.8	80.3	82.5	84.0	80.5	88.1	82.1	63.8	58.6	55.2	49.6	50.3	42.5	44.8	42.4	45.2	51.2	56.8	58.2	70.2	70.6	71.7	78.3	65.33
7	80.9	86.1	82.4	86.0	88.9	94.0	91.0	76.8	64.2	52.8	44.2	40.0	38.4	38.2	33.3	36.7	37.4	48.2	57.4	63.0	62.8	64.5	69.2	71.4	62.83
8	82.3	86.0	87.6	85.8	85.6	83.0	77.2	70.1	56.8	51.8	49.4	45.5	43.7	40.9	42.7	42.6	45.6	53.0	57.0	62.2	68.8	68.6	70.9	69.7	63.62
9	75.8	76.3	78.0	77.9	79.0	81.4	84.2	75.7	67.2	62.9	48.5	44.6	40.6	39.6	36.0	37.6	36.7	49.4	49.7	56.0	68.5	74.0	77.5	78.0	62.28
10	85.0	90.7	89.4	92.0	94.0	91.2	83.0	68.1	57.9	54.9	50.3	43.6	41.9	39.1	40.1	34.7	39.7	46.7	55.7	62.0	72.3	72.3	75.0	80.0	64.96
11	85.0	80.5	74.0	85.0	89.8	93.0	92.0	74.0	66.5	59.2	48.9	47.9	44.7	40.5	41.3	41.1	43.2	49.4	55.1	62.4	68.5	70.0	74.0	79.0	65.21
12	83.0	83.0	89.0	83.0	85.0	84.0	99.2	74.7	67.3	58.7	52.6	45.6	40.4	39.7	39.4	38.1	43.5	46.3	50.3	61.0	68.5	79.2	79.9	81.7	65.55
13	87.6	84.0	88.2	91.0	91.0	93.0	92.2	81.9	67.9	62.7	53.5	50.7	46.0	40.6	42.0	40.7	33.9	51.8	60.0	66.2	71.7	77.0	82.0	82.0	68.36
14	85.0	85.0	89.4	92.0	96.0	99.0	96.0	74.5	69.0	63.2	53.8	46.8	45.2	49.8	40.3	51.2	46.8	49.3	55.2	64.3	66.8	68.8	69.8	76.4	68.07
15	78.0	74.8	79.6	73.0	73.7	75.6	71.4	63.0	53.9	48.0	42.2	39.0	39.7	37.3	35.0	38.5	44.2	50.8	59.1	68.3	76.2	81.3	88.0	91.0	61.73
16	91.0	93.0	94.0	98.0	96.0	90.0	94.0	86.0	82.4	59.6	53.2	42.8	40.5	40.1	40.7	39.7	42.0	45.8	48.3	47.1	53.6	62.6	62.4	73.4	65.67
17	80.0	77.0	71.1	75.8	79.0	84.3	78.6	64.3	46.4	41.7	40.5	39.3	41.5	42.5	41.1	46.3	50.2	56.5	59.3	62.6	66.0	65.8	71.8	72.8	60.60
18	80.8	79.0	84.0	84.0	82.0	79.7	87.0	67.7	56.7	49.7	41.9	35.1	36.2	35.9	37.6	39.0	38.1	46.4	57.0	64.0	69.1	75.3	78.2	83.0	57.81
19	85.0	86.0	92.0	93.0	97.0	84.0	80.8	78.0	66.1	55.5	48.1	44.0	40.4	41.4	37.0	37.4	37.2	43.1	52.5	56.4	63.5	63.5	71.9	79.3	63.88
20	83.7	82.0	84.2	90.0	88.0	86.5	89.3	82.0	71.9	62.5	51.2	34.5	36.2	34.8	38.7	36.4	41.0	47.5	54.3	63.3	71.2	73.3	83.0	85.0	65.44
21	88.0	87.7	90.3	90.0	93.0	91.0	87.0	80.0	68.9	58.4	46.0	35.1	36.5	32.8	33.7	37.4	41.2	49.5	50.5	63.5	69.3	72.8	77.8	83.0	65.14
22	86.4	83.0	88.0	94.0	90.0	90.0	88.3	80.9	71.3	59.8	52.5	39.7	42.2	40.9	40.1	38.8	37.7	51.9	57.8	66.0	72.6	77.9	79.5	83.5	67.20
23	86.0	89.0	89.0	97.0	97.0	97.0	85.0	82.2	70.4	64.1	54.0	43.1	39.3	39.5	38.7	33.2	36.4	42.8	52.7	54.7	55.3	67.2	81.0	86.3	65.87
24	90.0	90.0	91.0	94.0	91.0	86.0	79.0	63.0	65.0	58.1	51.6	43.0	41.5	42.0	42.2	41.2	45.0	50.5	59.6	82.0	75.7	80.0	80.0	80.0	66.73
25	85.5	80.4	87.0	93.0	93.0	92.8	82.4	75.0	70.1	58.5	51.0	45.5	47.1	45.3	41.9	39.0	43.8	50.7	53.9	56.4	63.5	64.3	67.1	70.0	64.88
26	72.4	76.5	88.0	89.0	87.7	91.7	83.4	83.0	69.7	58.9	50.5	46.3	40.1	42.1	43.0	43.9	46.4	49.7	60.0	63.1	70.7	67.0	72.9	70.5	65.27
27	67.4	77.0	89.0	92.0	86.9	87.0	83.0	79.0	65.0	59.9	57.7	53.1	50.0	48.1	49.0	46.0	47.2	53.7	65.1	71.7	76.0	77.5	77.5	82.0	68.37
28	83.0	78.5	72.3	79.0	84.2	85.3	93.0	72.4	68.0	60.5	53.9	48.3	44.0	44.1	44.4	42.0	46.1	53.7	57.8	68.2	74.0	81.0	85.3	90.0	67.04
29	90.0	89.0	92.0	89.0	90.6	92.0	86.0	80.0	66.8	56.6	49.2	45.8	45.7	40.0	37.6	42.9	45.9	54.3	64.9	72.4	79.1	82.4	82.2	85.0	69.12
30	83.7	88.0	91.0	93.0	98.0	95.0	92.0	90.8	72.0	56.2	45.7	41.7	37.5	38.0	39.0	37.3	36.7	43.0	56.5	70.5	74.7	82.5	79.0	81.3	67.21
Mean	80.98	81.99	84.26	86.26	87.44	87.08	84.88	74.61	64.73	56.53	49.63	43.77	42.00	40.49	39.76	40.01	42.17	49.73	56.06	62.29	68.61	71.61	75.18	78.56	64.39

Relative Humidity.

(Callendar Electric Recorder and Platinum Wire Thermometer).

October, 1900.

HOURS OF OBSERVATION.

DATE	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	86.0	83.0	88.0	87.0	91.0	92.0	93.0	94.5	93.0	63.5	59.1	52.9	48.3	43.8	42.3	43.8	43.8	54.5	59.3	59.9	62.5	80.0	77.2	81.5	70.00
2	86.0	86.0	89.0	93.0	97.0	100.0	93.0	92.0	91.0	74.0	55.0	45.9	41.7	36.6	41.9	40.9	33.9	50.8	62.0	74.0	77.0	86.0	87.7	89.3	71.80
3	90.1	94.0	94.0	97.0	100.0	92.0	92.0	90.0	89.2	78.8	52.2	41.3	35.0	33.0	32.9	27.8	31.4	38.5	43.7	54.5	65.2	69.7	87.1	92.0	67.56
4	93.0	91.5	94.0	94.0	97.0	96.0	89.0	89.0	98.0	68.8	56.1	43.8	38.2	38.0	38.0	41.9	48.5	54.0	61.0	67.7	74.0	81.2	87.0	87.0	71.95
5	92.0	92.0	95.0	95.0	92.0	96.0	93.0	91.0	85.0	71.6	59.8	49.3	38.4	34.3	33.8	32.5	36.7	44.9	52.0	60.6	66.6	71.7	69.2	77.1	67.90
6	82.0	91.0	93.0	92.0	93.0	93.0	84.5	82.0	68.7	66.7	62.3	50.5	49.1	39.7	41.5	41.2	49.6	57.2	61.8	69.0	73.8	80.5	84.3	77.4	70.16
7	81.5	87.4	85.0	90.0	93.0	96.0	94.0	83.0	73.5	65.0	62.9	49.5	37.3	37.6	36.1	45.5	51.0	52.1	61.0	64.7	73.6	79.0	85.0	90.7	69.35
8	90.1	91.1	90.0	90.7	94.0	96.0	96.0	93.0	89.0	76.2	65.6	56.8	52.8	44.2	35.7	43.7	51.1	56.7	66.0	72.4	81.4	87.0	91.5	91.5	75.08
9	94.0	89.0	97.0	92.0	95.0	94.0	91.5	90.0	76.7	69.2	63.7	54.0	52.5	45.4	40.3	41.4	46.4	55.7	70.7	75.0	79.7	82.0	87.0	92.0	73.51
10	93.0	92.0	94.0	91.5	90.0	90.0	88.0	81.8	79.1	67.0	66.4	55.4	51.5	49.1	45.6	47.6	51.8	57.1	64.2	68.1	74.7	82.0	88.0	85.3	73.03
11	88.6	91.3	95.0	96.0	96.0	96.0	90.0	83.3	76.9	68.1	62.6	51.4	39.4	41.2	39.9	39.3	44.5	49.7	66.0	74.9	81.4	80.0	81.5	81.4	71.02
12	82.7	87.0	92.0	100.0	100.0	97.0	99.0	84.0	87.0	73.2	58.9	52.8	48.5	39.1	36.6	30.2	42.3	55.0	64.6	64.2	59.6	63.6	80.5	86.6	70.18
13	99.0	99.0	96.1	92.0	85.0	90.0	87.0	72.9	71.7	36.6	40.3	26.8	29.9	30.0	30.5	35.0	35.5	46.8	66.0	47.2	45.8	54.5	38.3	41.2	58.21
14	42.6	53.4	67.0	66.5	63.5	60.5	57.6	53.5	58.7	63.4	54.5	48.3	43.7	33.1	39.7	46.1	46.4	49.0	57.3	68.2	72.8	77.7	79.3	79.1	57.62
15	78.0	84.5	81.2	84.0	82.0	85.0	78.0	67.3	70.1	60.6	60.9	53.7	55.1	50.2	48.0	47.7	50.8	60.1	68.6	74.0	78.8	79.2	72.0	75.8	68.57
16	72.8	80.1	81.6	79.1	80.0	80.0	66.7	59.0	46.8	46.0	39.9	39.2	38.7	48.1	43.4	44.5	49.8	54.1	58.1	68.8	72.6	67.0	75.8	84.0	61.50
17	89.0	94.4	97.0	75.7	84.3	91.0	73.0	75.7	61.0	50.8	45.5	46.0	40.2	39.1	40.2	47.4	49.7	59.7	66.9	69.0	68.7	70.8	77.1	72.0	66.88
18	83.0	83.6	87.2	72.3	78.3	82.0	87.0	70.3	70.3	62.1	51.7	42.6	38.8	40.6	33.4	38.1	42.2	52.4	60.6	62.5	65.9	67.0	74.6	72.0	68.27
19	80.4	73.0	76.2	95.0	87.2	86.0	96.0	84.0	73.2	53.7	44.7	39.8	39.0	43.0	42.3	46.2	53.1	60.6	67.6	67.2	76.0	84.0	95.0	96.0	69.22
20	94.0	90.3	97.0	100.0	100.0	94.0	92.0	89.0	80.7	65.2	58.2	55.0	55.6	51.6	51.8	53.2	60.2	68.0	77.0	80.4	87.3	89.0	90.0	93.0	78.02
21	88.0	87.0	97.0	94.0	90.0	87.0	91.5	89.0	76.2	59.6	51.4	47.4	43.2	42.2	42.8	47.4	52.4	56.9	72.0	80.3	86.0	80.8	92.0	95.0	72.38
22	92.0	95.0	96.0	95.0	96.0	96.0	92.0	84.8	71.0	57.5	49.2	40.4	33.0	39.0	36.4	41.3	45.3	56.0	60.9	70.8	78.1	83.0	87.0	94.0	70.40
23	93.0	93.0	97.0	99.0	100.0	98.0	79.2	76.9	75.5	62.2	53.8	42.0	38.6	35.3	34.7	41.3	46.5	56.6	62.9	76.8	82.1	68.4	72.0	77.8	69.36
24	82.3	85.0	91.0	100.0	100.0	97.0	87.0	82.0	71.5	74.7	64.8	57.6	47.0	41.0	35.6	38.6	50.2	59.3	64.5	62.5	68.5	79.0	83.0	86.0	71.21
25	87.6	87.0	93.0	95.0	93.0	93.0	76.0	76.3	68.0	69.0	62.9	56.4	47.8	46.1	42.0	41.8	54.0	50.9	44.6	50.0	65.3	77.7	84.0	85.0	66.60
26	85.0	87.0	89.0	90.0	91.5	87.7	82.3	80.1	66.8	43.3	39.3	34.5	37.2	38.9	43.2	45.4	47.9	58.1	60.4	64.8	71.3	69.5	62.7	61.4	64.05
27	63.5	63.0	62.8	70.1	71.1	84.7	71.0	67.8	63.6	59.6	53.0	50.5	41.1	45.6	42.5	44.6	48.5	51.2	53.4	50.9	52.5	44.4	67.4	57.9	57.53
28	66.0	60.2	59.9	63.2	66.5	74.0	70.0	48.7	39.7	36.7	33.2	29.4	25.5	27.2	29.8	29.6	32.8	45.9	42.8	39.3	39.0	50.4	46.9	50.4	46.13
29	56.4	45.5	45.4	46.8	58.8	52.4	42.2	61.6	57.6	56.5	44.6	30.8	25.2	25.2	27.3	30.8	43.8	57.2	55.6	50.3	49.8	52.2	49.2	71.8	47.87
30	77.6	80.2	81.8	81.2	84.0	88.8	84.1	88.0	72.5	66.7	59.5	41.5	37.6	43.0	47.0	53.6	65.5	69.5	68.6	63.6	85.0	86.0	84.0	89.5	76.87
31	90.0	90.0	84.0	87.0	92.0	91.0	84.0	73.0	62.5	52.6	51.1	51.7	48.2	50.6	49.7	52.8	54.8	63.9	67.7	71.4	79.6	80.0	84.0	85.0	70.69
Mean	83.20	84.15	86.69	87.23	88.43	88.34	83.86	79.15	73.06	61.96	53.97	46.36	41.86	40.38	39.54	41.97	47.07	54.92	61.54	65.32	70.73	74.30	78.07	80.60	67.19

Relative Humidity.

(Callendar Electric Recorder and Platinum Wire Thermometer.)

November, 1900.

1900 11 10

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	90.0	90.0	84.0	87.0	92.0	91.0	84.0	78.0	62.5	52.6	51.1	51.7	48.2	50.6	49.7	52.8	54.8	63.9	67.7	71.4	79.6	80.0	84.0	85.0	70.69
2	87.0	90.3	95.9	97.0	89.0	86.0	78.0	72.0	54.2	48.7	49.6	49.0	47.9	46.9	46.9	47.9	48.6	61.5	64.2	74.0	82.0	84.5	81.0	87.0	69.55
3	88.0	88.0	80.0	80.8	85.8	93.0	97.0	83.4	81.2	64.6	55.1	54.3	53.0	49.5	51.2	49.6	52.0	61.2	70.2	74.9	74.1	83.0	81.0	90.0	72.54
4	90.0	88.0	88.2	89.0	91.5	96.5	81.0	82.2	72.0	55.6	39.6	39.5	42.6	45.9	40.9	43.1	54.6	61.7	72.8	80.8	84.4	88.2	91.2	88.1	71.14
5	89.0	86.0	92.0	93.0	92.0	85.7	83.0	74.5	65.6	60.0	50.5	46.5	47.0	44.5	43.5	44.3	48.7	51.2	64.0	71.7	74.5	83.0	84.0	85.7	69.16
6	87.8	84.1	91.9	90.3	90.2	95.0	84.9	81.0	68.9	53.6	49.8	47.5	45.7	46.4	45.7	47.5	56.7	68.2	70.5	71.6	74.6	80.2	85.0	86.0	70.96
7	83.9	85.5	84.2	84.0	85.0	88.3	78.0	81.0	74.4	65.1	45.4	47.0	43.4	43.3	47.3	49.1	45.6	60.0	61.2	65.9	68.0	69.3	71.3	72.5	66.61
8	73.0	75.8	74.0	78.6	78.6	81.2	72.0	74.0	72.0	67.0	56.5	52.0	47.7	40.4	39.5	49.2	56.2	63.6	67.2	72.7	77.0	81.7	83.5	86.1	67.48
9	83.0	82.0	78.5	82.2	76.0	86.0	88.1	77.2	67.6	63.6	54.6	51.0	49.0	47.2	45.5	45.7	52.0	66.2	66.0	68.8	71.1	81.3	82.8	82.8	68.68
10	80.5	83.0	81.0	80.0	86.0	90.0	87.0	84.0	76.3	62.6	56.4	54.9	53.5	47.5	49.5	44.1	56.0	60.4	63.5	71.3	76.4	71.8	76.6	76.0	69.47
11	79.0	77.8	81.8	81.4	82.3	80.0	63.9	59.7	74.8	55.1	47.5	48.9	44.5	39.7	39.2	39.0	44.5	54.0	58.1	59.0	54.1	58.4	58.7	63.4	60.20
12	65.5	66.0	67.7	69.3	79.7	72.5	62.0	58.0	59.5	44.0	32.2	30.2	21.9	24.9	21.4	21.0	24.0	30.4	32.4	39.1	52.7	59.5	55.5	46.5	47.33
13	56.3	61.5	63.1	64.8	47.8	51.3	60.4	58.0	57.4	44.8	28.4	35.0	34.0	36.5	35.0	38.0	46.3	56.8	46.6	47.0	56.8	58.6	55.8	56.0	49.84
14	61.6	63.4	61.0	69.0	65.8	58.3	52.4	60.0	48.9	54.6	56.4	46.2	63.5	60.5	62.8	66.7	70.0	80.4	80.2	67.0	61.2	58.4	61.6	70.5	62.50
15	86.8	85.5	83.2	66.7	42.0	29.4	28.7	33.1	27.5	21.0	20.0	38.4	35.9	38.4	36.7	51.7	62.0	67.7	75.7	78.0	77.3	83.0	84.0	89.0	55.90
16	92.0	92.0	89.0	92.0	92.8	89.0	94.0	75.0	65.8	54.2	53.2	47.5	41.4	40.8	35.9	44.0	52.9	66.0	66.2	67.5	67.5	80.3	82.0	87.6	69.52
17	86.1	82.1	88.0	93.0	88.8	94.0	79.6	71.7	72.0	66.0	65.5	59.7	50.2	51.0	40.0	48.6	54.0	60.8	66.7	69.8	70.2	68.8	68.6	75.0	63.59
18	66.1	77.0	79.0	80.0	91.5	74.7	71.7	63.6	60.1	59.0	53.2	52.6	50.4	48.2	46.3	46.0	57.3	67.7	59.0	59.6	56.5	55.7	53.0	65.8	62.25
19	66.7	67.6	70.5	73.8	77.0	76.6	72.2	61.7	50.2	42.7	38.6	36.7	37.4	36.1	35.8	39.3	47.1	46.9	42.4	44.2	43.0	48.6	55.7	63.0	53.05
20	72.0	76.6	76.6	75.2	77.6	77.6	74.1	48.6	51.2	34.5	37.1	40.0	39.0	27.5	27.0	30.5	42.0	49.7	57.8	76.5	71.2	79.0	84.0	85.0	58.51
21	92.0	92.0	99.0	100.0	98.0	97.2	96.2	80.7	68.5	52.4	46.6	45.5	44.1	40.4	40.3	42.2	49.1	59.8	62.6	61.2	71.8	69.2	84.0	87.2	70.42
22	88.3	81.5	79.3	91.5	90.0	91.5	90.0	70.2	70.7	66.7	54.0	50.0	47.5	49.1	42.5	44.2	50.2	60.5	67.2	73.0	77.3	78.0	77.0	82.7	69.70
23	84.8	76.6	85.6	86.0	91.1	92.3	85.2	81.7	68.0	62.5	39.2	36.5	28.8	22.1	20.4	16.7	30.1	44.0	43.5	51.8	53.4	41.0	39.6	39.6	55.02
24	44.2	50.6	53.5	55.0	61.2	66.5	69.0	57.5	49.2	53.3	45.0	41.6	41.1	41.0	30.5	26.2	42.2	53.0	63.0	70.7	57.0	57.9	59.7	72.6	52.56
25	67.8	82.3	80.0	81.0	82.0	80.0	76.7	73.3	49.5	45.8	50.7	48.6	39.5	36.5	37.0	37.0	38.1	54.8	55.0	65.4	61.8	67.6	72.9	77.7	60.84
26	80.2	80.2	79.0	82.2	73.2	86.0	92.0	56.0	39.0	38.3	42.6	40.5	36.6	26.1	26.6	26.2	42.5	44.7	37.0	32.5	37.5	46.0	42.7	39.0	51.11
27	35.2	37.0	36.5	36.5	41.5	39.6	41.8	44.0	35.3	31.4	30.5	34.3	35.1	33.3	28.5	29.2	34.5	37.3	36.8	43.2	45.2	40.9	43.3	50.4	37.55
28	47.8	50.6	61.2	69.7	68.8	54.6	56.3	57.4	35.6	40.9	44.6	32.6	37.0	39.5	39.3	31.4	45.4	47.2	50.1	55.3	60.4	49.8	48.0	65.8	49.55
29	63.6	73.5	65.3	47.5	44.0	56.9	67.0	48.0	38.5	35.9	32.5	37.0	29.9	32.4	34.5	34.5	47.2	47.0	49.5	42.4	40.5	40.5	56.6	75.5	47.51
30	68.0	73.0	63.6	62.5	55.7	71.3	67.2	68.5	61.5	48.7	45.3	33.2	34.0	34.8	33.3	42.7	43.5	49.7	52.0	56.4	41.6	42.5	41.9	38.5	51.29
Mean	75.21	76.65	77.09	77.35	77.23	77.73	74.45	66.97	59.23	51.51	45.72	44.28	42.46	40.67	39.69	40.95	48.27	56.54	58.97	62.76	63.96	66.22	68.14	72.33	61.02

Relative Humidity:

(Callendar Electric Recorder and Platinum Wire Thermometer).

December, 1900.

HOURS OF OBSERVATION.

DATE	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1.	38.0	39.5	63.0	67.4	70.0	32.0	26.0	21.6	21.5	16.5	14.0	16.4	11.6	12.9	13.9	12.8	13.0	15.0	15.0	18.6	19.6	14.0	12.4	9.6	24.72
2.	12.0	12.0	9.6	16.5	23.5	33.9	18.4	27.7	21.0	18.0	16.0	17.6	19.4	20.4	19.4	16.4	33.4	39.2	40.4	38.6	53.7	63.1	72.1	80.0	30.10
3.	78.0	79.2	79.0	81.1	79.0	78.8	98.0	83.5	81.0	63.7	60.7	57.0	52.4	49.0	44.1	42.1	52.9	63.9	71.2	69.5	73.0	74.0	83.5	87.8	70.10
4.	88.0	90.6	90.0	93.0	95.0	93.0	86.0	94.0	91.0	72.9	52.0	47.0	45.0	42.2	42.4	50.2	45.1	57.6	59.7	58.5	77.0	78.0	81.0	83.0	71.32
5.	88.4	94.0	90.0	95.0	94.0	96.0	97.0	60.5	48.0	42.5	45.6	44.1	41.9	37.4	35.0	31.8	35.2	38.5	46.5	42.4	45.7	49.0	62.7	64.2	59.89
6.	59.8	75.0	72.8	74.6	64.0	77.0	73.0	60.3	70.4	64.2	48.6	40.9	45.8	37.3	38.2	46.4	42.9	41.7	36.4	56.1	57.2	47.1	45.2	70.7	56.07
7.	69.6	82.6	76.3	69.5	64.7	64.7	61.4	51.6	55.2	48.0	68.2	58.3	62.4	57.5	50.5	61.4	62.0	69.6	64.6	80.0	78.0	71.8	85.0	83.0	66.47
8.	78.3	60.4	53.0	39.2	35.0	29.4	66.2	62.6	69.6	62.4	60.6	53.0	49.0	42.4	47.0	44.8	53.8	61.0	65.4	60.2	52.4	51.2	67.6	57.6	55.12
9.	55.0	59.0	56.6	53.6	58.4	67.6	71.6	52.7	47.5	47.8	51.0	43.1	41.1	36.5	40.1	38.0	47.1	54.6	48.0	43.5	55.0	55.4	54.5	55.0	51.36
10.	57.7	61.3	67.5	66.4	69.0	71.7	76.6	70.0	65.4	53.8	48.3	46.6	41.6	43.0	41.2	33.7	41.6	47.1	46.2	44.1	55.6	60.7	52.3	56.8	54.92
11.	51.9	75.4	54.2	52.4	63.2	75.8	84.3	55.8	61.9	38.9	35.8	34.7	30.6	28.8	28.1	28.0	31.8	33.8	35.3	36.0	34.3	31.0	33.8	44.6	45.01
12.	46.9	47.2	51.2	55.6	58.6	58.6	63.7	62.4	56.9	56.2	63.9	51.7	52.8	51.1	49.6	48.5	51.4	65.6	57.8	47.8	58.7	71.9	71.9	61.4	56.72
13.	55.9	65.8	70.4	77.0	73.2	80.8	69.6	76.1	55.1	55.4	55.6	55.1	56.2	56.2	50.1	46.7	55.5	67.3	67.7	68.8	77.2	70.2	74.4	77.3	64.90
14.	55.0	87.5	85.0	86.0	87.5	89.0	86.1	91.1	80.1	76.4	65.2	59.6	55.0	50.5	50.8	44.8	48.6	58.8	62.8	72.6	71.7	85.0	81.2	81.0	72.60
15.	78.9	83.6	72.0	78.0	89.0	84.3	80.7	83.4	79.0	70.5	64.5	62.9	47.6	46.0	48.2	52.4	53.1	62.5	70.3	77.7	73.2	81.9	79.0	81.0	70.83
16.	93.8	88.0	88.3	87.0	86.0	83.8	97.1	97.0	87.6	82.0	79.3	47.4	44.8	46.8	43.7	42.6	46.2	56.1	59.6	62.3	67.7	70.3	71.8	58.2	69.97
17.	76.2	85.0	86.0	86.0	89.7	86.0	84.2	77.0	70.2	65.2	63.6	66.2	62.3	66.5	62.1	59.3	70.1	75.1	74.1	63.8	63.4	59.4	62.5	63.1	71.54
18.	62.0	65.3	65.4	68.7	60.9	66.7	53.6	57.5	60.7	63.5	73.6	70.7	64.6	47.2	53.1	70.6	58.7	66.9	65.4	63.5	68.4	68.4	71.3	70.2	64.03
19.	75.9	68.9	65.2	62.2	76.2	87.6	71.9	76.7	60.8	61.3	48.9	49.0	48.5	43.4	57.2	57.6	55.8	69.6	74.3	75.7	69.3	61.1	69.9	71.6	64.94
20.	73.9	75.1	74.2	70.0	68.7	68.7	68.7	80.0	79.4	75.0	75.5	67.4	58.4	49.0	50.6	56.8	56.6	62.4	80.2	69.9	76.0	74.9	73.7	70.4	69.01
21.	69.3	72.2	75.3	76.3	76.8	73.3	85.0	76.7	71.8	61.7	63.1	63.0	55.2	55.6	52.6	48.3	62.0	60.1	49.7	49.0	55.1	73.0	73.3	77.1	65.65
22.	84.0	84.9	89.0	91.0	89.0	80.4	74.8	75.7	60.8	53.8	46.8	47.0	42.2	41.5	42.6	41.8	55.8	62.0	59.0	63.8	64.2	71.0	71.9	71.7	65.15
23.	57.4	77.2	71.3	81.0	77.2	77.5	77.7	69.8	76.7	74.8	75.5	76.5	82.7	79.3	80.7	93.0	100.0	100.0	98.7	98.5	94.0	86.0	84.1	82.81	
24.	83.0	80.0	81.7	83.0	79.2	73.4	78.5	97.0	97.0	93.0	81.8	83.0	62.6	58.5	55.6	79.0	66.6	75.4	78.0	83.0	85.0	86.8	86.0	87.0	78.66
25.	88.7	93.0	96.0	100.0	86.5	100.0	84.5	91.5	91.7	86.0	85.7	81.5	82.8	78.0	72.5	72.4	75.8	77.0	78.0	82.0	83.0	83.0	87.1	93.0	85.40
26.	91.5	98.9	97.6	95.0	94.0	96.0	94.0	93.0	83.6	85.0	81.2	72.5	75.0	55.5	54.0	58.0	59.7	58.5	77.0	73.6	75.3	81.3	82.3	73.6	79.42
27.	73.0	76.5	69.3	70.0	77.8	71.4	74.4	78.6	71.6	69.4	60.8	61.0	55.8	53.7	48.4	49.8	62.7	67.0	71.9	75.6	87.0	78.2	83.0	80.7	69.48
28.	84.5	80.0	78.4	81.7	79.0	84.2	93.6	95.0	85.8	83.1	81.5	67.8	68.6	70.0	66.8	79.0	75.4	76.0	72.2	71.4	76.4	79.3	78.0	76.6	78.51
29.	79.4	79.3	76.4	78.6	83.0	83.0	82.5	82.6	72.6	81.0	77.0	72.1	70.6	69.7	65.8	63.6	64.1	79.0	82.2	86.8	86.0	83.0	90.0	91.0	78.30
30.	86.0	86.0	86.0	87.5	86.0	87.5	80.0	78.7	68.3	61.0	60.9	49.4	54.4	38.7	38.0	39.5	41.9	48.9	50.8	58.6	55.8	56.5	54.2	53.0	62.81
31.	56.6	57.6	81.4	83.1	74.7	78.5	50.6	55.0	49.8	51.4	43.7	43.8	39.2	37.4	39.4	42.5	48.4	54.9	53.0	57.0	59.8	60.5	61.4	63.2	55.95
Mean	70.28	73.54	73.24	74.43	74.48	75.18	65.80	72.10	67.48	62.40	59.64	55.04	52.29	48.45	47.89	50.06	53.78	60.16	61.62	62.87	66.23	67.26	69.66	70.24	64.23

MONTHLY MEANS FOR EVERY HOUR.

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.[illegible]

Vapour Tension.

(Callendar Electric Recorder and Platinum Wire Thermometer).

April, 1900.

HOURS OF OBSERVATION.

DATE	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	..	10.1	..	6.7	..	6.2	..	11.5	..	10.8	..	7.1	8.2	8.2	10.7	11.2	8.4	10.2	10.0	12.0	10.7	12.4	12.4	11.5	9.7
2	12.1	13.0	5.5	4.3	4.1	5.6	..	10.8	13.1	13.3	13.6	12.9	14.3	13.7	13.5	13.9	12.6	12.0	11.8	11.6	11.1	10.7	10.9	11.3	9.5
3	11.1	11.4	11.0	10.7	11.0	10.3	..	10.8	10.3	10.2	7.0	7.2	7.0	8.1	8.9	8.0	7.5	8.1	8.2	8.8	8.0	10.2	9.2	8.7	8.6
4	8.2	8.3	7.8	7.8	7.4	7.7	..	7.8	..	7.8	7.2	7.0	6.8	6.3	6.8	7.1	7.7	8.1	8.5	9.1	8.8	9.4	9.4	9.8	7.8
5	9.6	9.9	9.3	9.9	9.6	9.4	..	10.5	10.7	10.9	10.5	10.5	10.5	10.3	8.7	10.6	10.6	10.4	11.2	11.7	12.8	11.6	12.1	11.8	10.7
6	12.2	12.9	12.5	10.3	12.1	12.6	11.3	11.2	10.2	11.5	8.7	12.0	13.8	12.0	12.4	11.2	11.5	9.6	11.1	11.7	10.9	11.4	10.9	12.2	12.3
7	12.0	9.1	10.8	7.8	9.6	10.4	12.2	12.8	10.3	11.5	12.3	10.8	9.8	15.9	9.3	13.7	16.4	11.6	13.0	11.6	13.4	14.6	14.3	13.7	10.6
8	12.7	10.2	10.3	9.4	10.3	11.8	..	10.0	9.5	8.1	7.8	7.7	7.7	6.9	6.4	6.8	7.1	6.2	6.5	7.9	8.8	10.3	9.1	9.1	8.3
9	9.5	9.6	9.4	9.1	9.1	8.9	9.1	8.5	9.0	7.6	6.0	5.1	4.4	4.4	3.7	4.8	5.1	6.1	7.5	7.6	9.0	8.4	9.9	9.7	8.2
10	9.3	9.5	8.5	8.4	9.1	9.9	..	10.0	10.7	10.9	10.3	8.6	6.3	6.3	4.7	5.8	5.2	5.3	6.0	10.4	9.9	9.9	10.5	11.2	7.6
11	10.1	10.7	10.4	10.1	9.4	9.1	9.1	9.3	9.1	8.4	5.5	4.8	4.1	3.3	4.9	7.3	8.2	6.5	6.7	7.4	7.8	7.6	8.1	8.1	7.7
12	7.4	7.0	6.2	6.8	6.8	7.0	8.8	8.2	6.3	5.5	6.2	5.2	5.4	6.4	6.1	5.8	6.2	6.6	7.3	6.9	5.7	5.9	6.3	6.9	10.2
13	8.2	8.5	9.0	9.2	9.4	8.6	..	7.4	7.3	6.6	7.2	7.2	9.0	8.6	6.3	7.2	7.0	10.2	6.5	5.5	6.9	5.5	6.8	5.6	7.4
14	6.7	5.6	6.8	5.6	6.7	7.6	..	7.9	..	4.9	..	6.1	..	5.8	6.2	6.0	6.3	6.4	7.1	8.4	7.8	8.4	8.2	7.7	7.2
15	7.6	6.9	7.3	6.9	6.9	6.9	8.2	7.6	7.1	6.5	6.7	6.4	6.8	6.2	6.4	6.8	6.7	7.0	8.3	8.0	8.3	7.4	7.3	6.6	6.8
16	8.0	8.2	6.8	6.3	6.6	6.8	8.6	7.6	7.5	7.1	7.5	8.9	..	6.7	5.1	9.4	10.6	8.7	10.7	7.0	7.6	7.2	7.5	7.9	7.3
17	7.7	7.7	7.9	7.6	7.6	7.3	..	10.7	..	8.6	..	8.1	..	6.9	..	6.5	..	7.5	..	8.0	..	10.8	..	9.2	7.9
18	..	8.5	..	8.3	..	8.6	..	9.6	..	8.2	..	5.1	..	6.7	..	6.3	..	6.8	..	9.4	..	..	..	..	8.0
19	..	..	..	..	..	8.3	..	9.4	..	8.1	..	7.3	..	7.8	..	6.3	..	8.9	..	7.9	..	..	..	..	7.7
20	..	..	..	..	..	7.3	..	10.3	..	9.6	..	8.2	..	7.7	..	7.3	..	6.8	..	7.1	..	..	..	..	7.7
21	..	..	..	..	..	7.8	11.8	10.4	8.4	6.4	8.4	4.6	4.0	3.0	3.0	3.2	7.6	5.0	6.5	9.3	9.5	8.9	9.5	10.1	7.2
22	10.5	11.0	11.2	8.5	8.9	9.4	10.5	10.8	8.1	7.5	7.5	7.1	8.8	5.1	6.0	5.9	4.4	5.9	7.8	7.8	8.0	9.2	9.5	10.6	7.6
23	10.4	10.1	10.3	10.2	10.4	9.4	9.9	11.6	11.2	9.7	8.8	8.3	6.8	7.4	8.2	10.5	6.3	8.0	10.4	6.4	6.3	7.8	9.1	7.7	8.2
24	7.8	9.8	7.6	12.5	13.8	5.8	8.3	6.4	5.8	7.4	10.4	11.6	11.4	10.8	10.3	8.7	9.0	9.3	9.4	7.9	8.7	8.8	9.4	8.3	7.6
25	8.1	8.2	7.6	7.9	8.4	6.2	7.4	6.9	7.2	7.3	6.3	4.4	5.3	4.4	4.6	5.3	4.2	6.0	6.3	7.4	7.7	6.6	6.6	6.5	6.3
26	6.3	6.3	7.0	7.1	..	7.6	7.9	8.5	7.9	7.7	5.3	5.8	5.1	4.4	5.3	4.6	3.3	4.4	5.1	4.9	6.2	5.9	5.0	4.0	6.4
27	4.1	3.6	3.7	4.7	7.1	7.4	8.4	8.6	7.1	5.8	4.8	4.4	5.3	4.5	4.8	4.6	4.2	4.1	4.7	3.8	3.7	4.9	4.6	5.9	5.5
28	5.0	4.8	4.8	5.0	5.3	5.1	..	7.5	..	7.5	..	5.3	..	5.1	..	4.6	..	5.8	..	7.6	..	..	..	..	6.0
29	..	..	..	..	..	10.7	..	11.8	..	12.0	..	8.7	6.0	6.3	5.3	4.9	4.6	6.3	8.2	7.3	7.8	6.2	6.7	9.1	8.3
30	9.6	8.6	9.2	8.6	8.7	8.1	10.1	9.2	10.9	10.2	8.4	7.2	6.6	6.4	6.9	7.6	8.6	8.8	..	8.4	11.4	..	..	..	8.2
Mean	8.70	8.62	8.15	7.97	8.40	8.26	8.77	9.45	9.29	8.59	7.85	7.45	7.38	7.19	6.70	7.40	7.57	7.55	8.14	8.29	8.29	8.74	8.92	8.92	8.25

Vapour Tension.

(Callendar Electric Recorder and Platinum Wire Thermometer).

May, 1900.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	9.7	..	9.3	..	11.1	..	..	6.3	10.3	10.1	9.5	9.7	9.9	10.1	10.1	10.1	10.3	10.1	10.0	9.0
2	9.5	11.5	11.1	7.1	11.1	..	..	6.8	8.8	10.6	10.7	10.9	10.9	10.4	8.3	9.2	..	..	..	8.4
3	10.7	10.4	9.5	8.0	7.7	..	..	7.2	9.4	9.4	9.0	9.4	8.7	8.0	5.9	6.0	..	..	..	7.8
4	5.9	5.3	6.7	6.9	5.6	..	..	5.2	9.0	9.4	10.0	9.6	9.7	10.8	10.4	11.1	9.0	9.2	9.5	7.1
5	6.8	10.2	8.6	7.8	8.4	..	..	13.5	13.4	12.4	13.2	13.4	12.9	13.1	11.0	10.1	..	..	..	10.2
6	11.3	12.9	12.2	12.7	12.3	..	..	10.3	10.3	9.7	9.4	8.8	10.8	10.8	10.7	10.3	..	..	..	10.3
7	12.1	11.9	10.1	10.7	11.4	..	..	9.2	10.6	10.3	10.5	10.6	10.7	10.9	9.7	10.0	..	..	..	10.3
8	11.7	12.4	11.1	11.3	9.7	..	..	8.3	9.6	10.4	10.7	9.8	8.8	9.1	8.1	7.9	..	..	..	9.1
9	9.4	5.1	5.0	6.5	7.2	..	..	8.3	9.9	9.7	8.8	8.6	8.8	9.1	10.0	10.6	..	..	..	9.1
10	10.3	9.6	8.4	6.3	6.2	..	..	6.3	8.1	7.4	7.7	7.3	7.8	12.6	6.3	8.5	..	..	..	8.3
11	10.1	9.9	10.2	9.9	10.1	..	..	5.7	7.2	8.0	9.3	9.3	9.5	7.0	8.4	7.1	..	..	..	7.5
12	7.1	7.3	7.6	8.8	9.3	..	..	8.1	9.9	10.7	12.0	13.7	12.7	13.1	12.5	12.8	..	..	..	7.4
13	13.6	13.2	13.1	12.3	12.2	..	..	4.1	10.2	10.3	9.7	8.5	9.0	9.8	8.4	8.7	..	..	..	10.4
14	10.6	11.1	10.9	6.1	10.2	..	..	9.1	11.0	10.4	10.4	9.5	10.3	9.5	7.3	7.9	..	..	..	9.5
15	13.1	11.0	9.4	9.1	7.2	..	..	6.2	15.4	8.5	8.5	8.8	8.3	8.6	6.0	7.5	..	..	..	8.7
16	15.2	11.8	9.7	9.0	7.6	..	..	7.3	9.4	7.8	9.1	10.3	8.8	8.1	9.2	8.6	9.6	10.5	11.1	8.8
17	10.3	11.2	11.1	10.2	8.0	..	..	6.4	8.0	6.9	6.9	7.4	8.9	9.3	7.9	6.9	..	..	..	7.1
18	9.7	7.9	7.2	6.2	6.3	..	..	8.3	9.3	7.0	9.0	7.4	6.5	7.1	5.4	6.0	..	..	..	7.3
19	12.7	13.5	13.6	13.6	12.4	..	..	10.7	15.8	10.2	9.1	8.7	9.0	9.7	9.6	9.1	..	..	..	9.9
20	11.8	11.5	13.2	11.8	12.0	..	..	9.5	9.9	9.7	10.5	9.2	11.1	11.2	11.4	11.0	..	..	..	10.7
21	11.5	12.0	12.7	12.1	10.0	..	..	8.7	10.3	9.9	9.7	9.7	10.2	9.2	9.1	10.2	..	..	..	10.0
22	12.4	13.6	13.4	11.4	9.5	..	..	7.3	8.4	8.2	8.1	8.6	8.6	8.2	7.5	7.5	..	..	..	8.7
23	9.7	10.3	8.1	6.3	5.4	..	..	4.3	6.0	6.6	7.5	7.5	7.0	6.1	5.5	5.7	..	..	..	6.6
24	9.2	10.3	10.3	13.6	13.8	..	..	10.7	10.2	8.8	10.0	10.1	10.2	9.9	10.6	10.8	..	..	..	9.1
25	12.1	12.7	12.5	12.1	12.2	..	..	4.8	11.2	10.3	10.3	9.9	9.7	10.2	9.2	9.9	..	..	..	10.6
26	11.6	12.5	13.2	13.2	12.2	..	..	4.9	10.6	11.3	10.2	10.8	11.0	11.6	10.2	9.8	..	..	..	10.4
27	11.0	11.0	9.7	8.9	9.2	..	..	10.7	12.3	10.7	12.8	13.4	14.5	11.9	9.1	8.6	..	..	..	9.6
28	10.2	9.2	9.7	10.8	8.9	..	..	9.0	9.9	9.8	9.0	8.3	9.1	10.0	10.2	10.2	..	..	..	9.5
29	12.4	12.7	12.0	13.5	13.6	..	..	8.2	10.2	11.5	12.1	11.7	12.1	11.6	10.9	9.6	..	..	..	10.3
30	11.2	11.9	11.5	10.3	13.0	..	..	4.3	11.8	12.0	11.3	10.8	11.3	11.0	10.3	10.8	..	..	..	11.0
31	12.2	12.5	10.0	9.7	10.4	..	..	5.9	6.5	5.7	6.2	6.4	8.5	12.0	12.7	13.0	..	..	..	9.4
Mean	10.81	10.88	10.36	9.87	9.81	..	..	7.66	10.09	9.47	9.72	9.62	9.85	10.00	9.09	9.21	..	..	..	9.1

Vapour Tension.

(Callendar Electric Recorder and Platinum Wire Thermometer).

June, 1900.

HOURS OF OBSERVATION.

DATE	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	12.2	13.4	14.2	12.1	12.4	10.6	8.8	8.38	8.14	7.95	7.95	7.31	7.61	7.07	8.05	7.65	..	..	..	9.6
2	10.8	11.2	12.7	12.1	10.7	10.0	9.8	8.56	7.89	9.01	7.09	7.55	7.82	8.86	9.49	10.28	..	..	..	9.6
3	12.7	12.5	13.4	12.1	13.5	14.2	13.4	13.95	12.00	11.47	10.64	9.95	9.11	10.81	10.71	11.87	..	..	..	12.6
4	12.2	13.2	13.6	12.6	11.6	13.9	12.3	10.34	10.15	9.91	8.99	8.14	7.83	8.33	9.02	8.38	..	..	..	10.7
5	7.5	6.4	6.1	6.9	7.5	6.9	13.0	7.40	7.15	7.15	7.86	6.91	7.38	5.93	6.98	7.36	..	..	..	7.0
6	10.5	10.2	9.8	8.4	7.1	12.1	5.3	6.64	7.19	7.23	7.33	7.37	7.96	6.00	9.79	12.06	..	..	..	10.6
7	15.1	15.5	15.6	14.7	10.4	9.0	9.4	7.67	6.96	6.83	7.23	6.89	7.46	7.82	9.46	10.67	..	..	..	11.0
8	13.3	11.3	8.6	8.6	8.6	8.0	9.5	8.26	8.69	8.69	9.73	8.43	10.07	10.46	10.18	10.71	..	..	..	10.4
9	13.4	13.0	12.1	11.4	9.3	9.2	9.2	9.79	11.39	10.73	9.40	9.65	10.33	11.56	12.48	12.58	..	..	..	12.0
10	15.1	14.4	12.4	10.3	10.3	9.8	8.7	8.83	8.53	8.00	7.05	7.09	8.07	8.26	8.41	8.43	..	..	..	10.9
11	14.1	11.6	15.0	15.2	13.3	12.9	13.2	11.67	9.22	5.75	6.04	6.28	9.06	9.98	9.85	9.18	..	..	..	9.9
12	13.0	16.0	15.1	11.4	11.5	12.5	11.8	11.83	10.77	9.89	11.39	11.42	10.61	11.25	11.69	12.29	..	..	..	12.2
13	15.0	15.4	16.2	16.8	15.6	14.7	12.5	12.50	12.19	11.63	8.85	9.21	8.96	9.21	9.86	11.38	..	..	..	12.8
14	13.5	14.9	14.7	15.5	15.1	14.4	14.3	11.47	10.43	10.30	9.08	8.25	8.93	9.25	10.58	11.69	..	..	..	12.2
15	14.4	15.8	15.4	14.4	13.7	13.4	12.1	11.13	10.39	8.46	7.74	6.97	7.95	9.24	9.57	9.84	..	..	..	11.3
16	12.5	12.2	12.7	12.4	11.8	11.3	11.3	11.25	10.45	10.94	10.64	8.99	8.81	9.24	8.68	7.51	..	..	..	10.1
17	11.4	12.9	14.6	13.4	13.3	10.4	10.6	10.59	11.13	10.04	8.79	8.73	7.22	9.42	9.24	10.64	..	..	..	10.5
18	11.6	14.0	13.4	13.1	13.4	13.1	12.26	11.58	9.90	8.96	9.57	9.81	10.32	10.34	12.04	..	..	..	..	11.8
19	14.5	15.7	15.2	14.7	13.1	12.9	11.7	11.97	11.63	11.35	11.51	10.32	10.98	11.16	11.07	11.71	..	..	..	12.6
20	13.2	14.2	14.7	14.9	13.6	13.2	12.7	11.97	12.22	11.54	10.79	9.28	10.88	9.71	10.28	10.89	..	..	..	12.1
21	14.0	14.8	15.3	15.7	15.0	14.6	15.7	15.35	14.72	14.47	13.25	8.53	8.90	7.72	8.76	9.79	..	..	..	13.2
22	13.2	15.8	15.3	15.7	16.8	14.1	15.1	13.59	15.05	13.61	12.69	11.45	14.36	11.25	13.37	13.78	..	..	..	13.9
23	16.0	16.7	17.5	17.6	16.3	14.8	15.1	14.36	12.14	11.71	11.03	9.61	10.34	10.64	10.88	10.52	..	..	..	13.3
24	15.3	16.3	17.2	18.9	18.0	10.4	10.7	9.26	9.21	8.12	8.12	8.76	7.87	8.98	8.63	9.73	..	..	..	11.6
25	9.7	11.9	13.3	12.2	12.5	11.6	9.2	9.53	9.71	9.46	9.21	9.21	8.99	10.34	11.31	12.36	..	..	..	11.0
26	16.7	17.4	17.5	17.6	17.2	15.1	15.3	13.22	11.04	12.32	11.39	11.64	12.25	11.71	12.97	13.08	..	..	..	14.3
27	16.9	17.6	17.6	17.2	14.7	14.6	14.2	13.91	13.48	12.87	11.77	10.28	10.75	10.64	11.04	12.21	..	..	..	18.8
28	13.2	14.0	16.1	15.0	14.4	14.3	13.8	12.41	11.73	11.40	10.88	10.48	9.63	9.88	10.58	11.07	..	..	..	11.9
29	16.7	17.2	18.7	18.4	17.3	16.8	14.1	14.06	9.95	11.99	11.05	10.67	14.43	13.07	13.79	14.89	..	..	..	14.7
30	17.2	16.7	17.7	17.5	17.8	17.4	17.1	15.88	15.20	14.51	12.36	12.44	12.14	12.64	13.62	14.98	..	..	..	16.0
Mean	13.50	14.07	14.39	13.73	13.03	12.55	12.10	11.28	10.68	10.24	9.63	9.65	9.56	9.69	10.37	10.99	..	..	..	11.8

Vapour Tension.

(Callendar Electric Recorder and Platinum Wire Thermometer).

July, 1900.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnf.	MEAN
1	16.65	16.18	17.82	16.7	14.6	10.4	9.4	9.0	9.0	7.4	8.2	8.3	9.1	10.2	11.8	12.8	..	..	..	12.1
2	14.14	14.99	15.13	14.0	12.6	12.4	13.4	13.1	14.1	14.0	14.5	12.8	13.6	13.5	14.6	14.4	..	..	..	13.9
3	15.97	19.46	16.62	16.2	14.6	16.1	15.1	14.2	14.5	13.6	13.7	14.1	14.8	15.4	15.6	16.5	..	..	..	15.2
4	17.24	16.74	16.02	17.4	16.6	14.8	14.9	14.5	12.8	11.3	10.1	8.7	9.6	10.8	11.0	10.6	..	..	..	12.8
5	16.60	16.28	16.61	16.5	14.5	14.1	12.4	11.9	13.2	10.8	10.4	10.4	11.1	11.4	12.1	15.1	..	..	..	14.3
6	17.05	15.73	16.95	16.3	15.9	14.6	12.9	12.5	11.3	10.6	11.3	9.6	10.1	10.6	12.4	13.3	..	..	..	13.6
7	16.16	16.72	17.56	16.6	17.0	16.5	13.4	10.1	8.1	7.2	7.2	7.8	8.2	9.4	12.4	13.3	..	..	..	12.2
8	16.44	18.30	17.81	15.0	14.9	14.0	11.1	11.2	10.7	10.7	8.0	9.3	10.5	12.5	13.1	11.8	..	..	..	12.8
9	14.95	16.53	15.42	14.7	15.4	14.2	13.5	13.6	12.9	12.8	12.7	13.1	12.0	14.8	14.2	15.2	..	..	..	14.4
10	13.64	13.89	13.16	12.7	13.9	12.4	12.5	11.9	12.4	13.1	12.4	13.4	13.2	12.9	13.5	13.6	..	..	..	13.2
11	14.63	13.90	12.55	12.3	13.2	12.6	14.0	13.0	12.6	13.2	11.5	12.5	10.6	11.3	12.5	12.3	..	..	..	12.8
12	13.71	13.52	13.16	13.4	12.9	12.9	12.3	11.6	12.0	12.2	10.8	11.2	10.6	11.4	14.2	14.5	..	..	..	13.4
13	14.63	13.77	14.99	13.8	12.9	12.8	11.6	12.8	11.1	10.5	10.9	9.2	8.4	9.7	10.9	11.8	..	..	..	11.8
14	13.32	13.98	13.19	12.9	13.4	11.9	12.5	11.2	12.8	12.3	12.2	11.9	11.4	12.1	12.5	12.3	..	..	..	12.4
15	14.13	14.94	15.91	16.2	14.6	12.6	12.3	15.1	11.7	12.4	10.3	10.2	9.8	10.1	11.0	11.8	..	..	..	12.2
16	13.89	13.66	14.13	12.6	11.2	9.8	9.2	9.4	10.0	9.9	8.9	9.5	10.8	10.8	9.9	11.6	..	..	..	11.7
17	17.08	16.53	16.13	15.5	14.4	11.8	12.1	11.3	10.5	10.5	10.6	10.8	11.2	12.9	13.8	13.9	..	..	..	13.9
18	16.16	15.77	14.80	14.4	13.8	13.5	12.8	12.2	11.5	12.3	11.1	11.4	12.4	13.8	15.3	15.4	..	..	..	14.6
19	16.47	15.95	16.04	16.2	15.6	15.8	14.1	13.4	11.0	10.4	10.1	8.9	10.8	12.6	13.3	14.3	..	..	..	13.8
20	15.89	17.48	17.54	15.9	13.8	12.1	10.6	9.2	8.3	8.5	7.8	8.8	9.0	10.2	10.2	10.6	..	..	..	11.3
21	14.28	15.22	15.79	15.3	11.8	9.4	10.2	9.3	9.1	9.4	10.1	10.5	9.0	11.0	10.8	14.2	..	..	..	12.5
22	14.54	15.55	17.10	16.8	16.4	13.1	10.5	6.3	7.5	7.3	8.4	7.9	9.4	12.4	11.4	12.0	..	..	..	11.1
23	16.78	17.60	17.56	17.3	17.1	17.3	10.7	6.9	7.5	8.2	8.3	8.8	8.7	11.5	12.1	13.0	..	..	..	13.0
24	14.53	16.33	17.20	15.3	13.4	10.7	10.1	9.9	8.6	7.5	7.7	7.4	8.7	9.2	12.8	12.8	..	..	..	11.3
25	15.00	16.90	17.44	17.3	15.0	11.7	8.7	9.0	8.7	9.1	9.5	9.5	11.8	12.8	12.9	13.1	..	..	..	12.3
26	14.51	16.69	17.69	17.5	16.7	16.7	14.2	14.6	12.8	14.5	16.0	14.8	14.1	14.7	15.7	16.8	..	..	..	14.8
27	17.97	17.61	17.44	17.0	16.1	18.6	18.7	17.1	16.2	15.9	17.1	16.3	16.6	14.2	17.1	17.1	..	..	..	17.2
28	18.55	18.43	18.18	18.2	18.3	19.1	18.2	17.3	17.0	15.7	13.8	14.7	15.5	17.4	16.8	17.0	..	..	..	16.7
29	20.27	20.15	21.07	22.0	22.6	24.4	23.6	21.0	23.7	23.4	23.1	22.0	23.2	23.2	21.8	22.4	..	..	..	22.5
30	20.27	20.53	22.14	24.0	23.5	24.1	24.6	23.6	22.2	22.4	24.3	23.0	21.4	21.4	22.0	20.8	..	..	..	21.0
31	18.47	17.73	18.68	17.8	19.1	16.7	16.2	14.9	11.6	11.2	10.8	11.3	10.6	11.4	10.6	9.8	..	..	..	17.7
Mean	15.93	16.37	16.50	16.05	15.34	14.42	13.41	12.61	12.10	11.88	11.67	11.55	11.81	12.76	13.49	14.00	..	..	..	14.0

Vapour Tension.

(Callendar Electric Recorder and Platinum Wire Thermometer).

August, 1900.

HOURS OF OBSERVATION.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	16.45	17.95	18.08	18.51	18.81	18.81	17.83	18.73	17.75	18.96	16.59	15.93	14.11	11.28	11.09	10.44	10.99	10.42	11.36	10.53	9.67	8.16	8.60	9.64	14.20
2	10.31	13.10	14.84	17.61	18.20	16.34	13.32	20.04	17.81	14.36	11.33	10.36	6.24	9.26	8.78	7.08	7.69	10.36	11.71	15.10	16.45	16.14	16.33	17.25	13.54
3	16.37	17.13	17.27	16.51	17.81	17.91	19.60	19.34	19.30	16.94	16.78	16.62	15.24	12.56	10.06	11.65	12.32	13.43	13.58	12.71	13.71	13.80	14.27	14.10	15.38
4	14.84	14.87	15.70	15.63	15.73	14.82	16.11	17.56	17.20	14.88	14.55	15.03	14.17	13.31	12.82	12.45	13.67	12.48	15.84	14.83	14.29	15.59	16.25	16.37	14.96
5	14.48	17.29	17.88	16.90	15.66	16.00	20.23	18.00	18.15	17.04	15.85	14.04	13.67	13.67	13.67	13.42	13.61	16.35	18.16	16.70	18.12	20.39	20.63	20.18	16.67
6	19.54	18.80	18.24	18.20	19.35	19.25	15.73	13.21	8.62	9.64	8.31	8.56	10.07	10.47	10.28	9.11	9.84	10.62	11.83	12.89	12.47	12.52	13.04	13.86	13.10
7	14.35	14.32	14.52	14.15	13.46	13.94	14.89	16.46	16.35	13.19	12.42	12.30	10.32	9.89	9.26	9.86	9.85	10.73	12.59	12.99	12.74	12.57	13.68	13.16	12.83
8	13.47	14.23	14.90	15.09	14.73	14.48	16.43	16.78	16.64	15.66	15.41	13.76	14.60	13.55	12.45	12.34	11.76	12.14	13.85	13.80	13.93	13.94	12.76	13.65	14.18
9	13.05	13.41	14.16	14.68	14.48	14.91	15.92	16.49	15.10	14.73	14.79	14.48	13.39	12.67	11.52	12.46	12.83	12.97	13.79	14.61	14.88	15.30	15.09	14.71	14.18
10	14.29	14.79	15.34	15.54	15.23	16.29	17.20	15.79	15.82	15.73	16.33	13.81	14.03	13.06	12.27	11.97	10.99	12.78	13.22	14.69	16.00	14.51	14.43	14.47	14.52
11	15.08	15.28	15.71	15.52	14.44	15.70	18.05	18.24	17.99	16.76	14.85	14.23	13.80	13.86	14.67	15.69	14.55	14.53	13.99	13.76	15.32	14.75	15.31	15.10	15.30
12	14.96	14.66	15.18	14.79	14.14	15.13	16.59	17.81	15.88	15.59	15.49	14.97	14.85	11.81	13.43	12.14	11.74	10.87	12.22	12.28	16.21	17.75	16.82	16.53	14.66
13	15.84	16.22	16.13	16.33	16.19	17.41	18.33	19.16	18.05	18.19	16.08	16.49	11.67	9.09	9.22	9.50	9.09	10.25	9.36	11.16	12.07	12.48	13.19	13.94	13.98
14	13.92	14.90	13.35	13.33	14.40	14.67	15.91	17.33	18.12	18.45	14.12	9.63	7.73	8.35	7.90	7.24	7.33	8.35	10.90	11.28	11.65	11.54	11.61	12.58	12.25
15	12.50	15.30	15.39	15.28	13.16	14.57	16.01	16.79	14.13	13.13	15.96	14.91	13.86	13.12	11.55	10.05	9.86	11.01	11.82	12.68	13.09	13.14	13.63	14.12	13.53
16	14.43	14.75	15.06	15.08	15.10	15.45	16.64	16.28	15.40	13.75	14.60	13.90	13.17	12.79	11.88	12.72	12.57	12.69	13.14	12.15	13.12	13.12	13.06	13.71	13.94
17	13.38	13.40	13.43	13.35	13.92	14.80	16.15	15.08	12.82	13.89	13.19	12.04	13.23	12.04	12.27	12.79	12.50	11.85	11.57	12.75	14.36	14.04	14.28	15.16	13.43
18	15.29	15.03	15.12	15.15	14.73	15.66	17.56	17.47	16.12	14.82	14.85	14.39	13.00	13.04	12.49	12.25	11.88	12.14	12.97	13.45	13.37	13.62	14.66	14.85	14.33
19	13.61	13.88	14.15	14.16	13.93	15.03	17.57	17.66	16.66	15.34	15.01	12.91	13.23	14.42	12.97	13.26	12.79	13.87	14.40	15.34	15.81	15.97	16.22	16.58	14.79
20	16.13	16.45	16.64	15.96	16.38	16.86	17.09	18.12	16.71	16.02	15.90	15.28	15.85	15.73	14.24	13.24	14.67	13.28	12.73	13.44	15.15	15.77	16.27	16.07	15.58
21	16.33	16.41	16.37	16.69	16.56	15.65	16.85	18.24	16.45	15.84	13.49	11.15	11.77	12.32	10.44	10.09	10.33	11.84	13.25	13.63	12.13	12.08	12.77	11.21	13.83
22	12.03	13.03	13.08	14.32	17.23	19.78	19.10	19.84	18.41	18.74	17.47	14.50	12.44	12.50	12.94	13.24	13.49	14.92	14.49	15.75	15.25	15.41	15.61	15.65	15.38
23	15.97	15.58	15.46	15.71	15.99	16.09	16.26	17.23	15.75	15.84	14.50	13.95	13.39	13.37	13.37	12.31	12.43	13.52	13.08	14.37	16.53	16.08	16.29	15.93	14.96
24	16.53	16.12	15.66	16.91	15.86	16.78	17.99	18.06	15.22	15.84	15.10	14.11	13.44	13.43	12.76	12.19	11.89	12.51	13.88	13.63	15.25	15.80	15.85	16.01	15.03
25	16.31	15.89	16.02	16.28	16.07	16.28	17.34	18.86	17.38	16.82	15.52	14.00	12.61	11.47	10.08	9.19	9.14	10.60	12.49	12.99	14.60	14.87	15.05	15.58	14.39
26	15.72	15.83	16.08	16.49	17.46	18.29	19.06	19.66	18.30	17.83	17.47	17.18	16.60	16.18	14.99	14.08	13.18	15.16	14.64	15.73	15.51	15.85	17.49	18.37	15.55
27	19.27	19.29	19.16	18.98	18.46	18.81	18.79	17.29	16.45	16.51	16.45	15.96	14.96	13.18	11.23	10.07	11.12	12.58	13.51	14.35	15.21	15.55	15.74	15.49	15.77
28	16.38	16.10	16.35	16.92	16.59	17.09	18.58	18.31	17.44	17.44	15.90	13.74	12.23	11.21	10.25	9.69	9.51	9.88	11.14	11.16	13.31	13.60	13.90	14.51	14.22
29	14.55	15.10	16.34	16.63	17.56	18.36	18.83	18.86	18.87	17.70	15.47	13.68	12.63	12.75	12.45	11.62	11.55	12.16	12.09	12.21	14.50	15.71	16.85	16.43	15.12
30	15.79	15.62	15.82	15.57	15.80	15.70	17.01	17.38	17.76	17.03	14.97	14.47	14.67	14.50	15.57	14.24	13.80	14.97	14.27	15.05	14.36	13.77	14.55	14.67	15.31
31	13.38	13.69	14.16	14.66	14.89	15.01	16.81	17.52	19.04	18.67	15.71	14.42	13.56	12.94	11.87	11.35	11.82	13.81	15.16	15.36	15.48	14.64	14.61	14.50	14.71
Mean	14.96	15.41	15.65	15.84	15.88	16.32	17.88	17.66	16.64	15.98	14.98	13.90	13.05	12.51	11.90	11.54	11.57	12.34	13.14	13.59	14.34	14.47	14.80	14.98	14.54

Vapour Tension.

(Callendar Electric Recorder and Platinum Wire Thermometer).

September, 1900.

HOURS OF OBSERVATION.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	14.08	14.18	14.15	14.48	15.13	15.36	17.14	17.58	16.72	16.58	16.70	15.58	14.79	13.02	13.37	13.50	13.89	14.79	14.52	14.30	14.63	14.87	15.60	15.73	15.03
2	15.75	15.61	15.46	15.14	15.39	15.68	16.43	15.60	15.19	14.64	14.17	14.15	13.21	12.54	12.15	10.97	11.16	12.69	12.51	12.87	12.82	13.35	13.20	13.45	13.92
3	12.60	13.18	13.80	13.39	13.17	14.17	14.32	13.56	12.76	12.76	12.56	12.72	12.12	12.33	12.32	12.74	13.20	14.04	13.05	13.62	13.55	13.78	13.46	14.34	13.23
4	13.23	13.45	13.23	13.35	13.32	13.30	13.74	14.81	13.71	12.64	12.23	12.04	12.01	12.60	12.18	13.21	13.14	15.39	14.61	14.20	14.11	13.92	13.44	13.43	13.39
5	13.03	13.18	13.55	13.51	13.45	12.95	14.09	14.42	14.48	13.34	13.33	13.45	13.97	13.66	13.31	12.96	13.81	13.38	14.04	14.74	15.17	14.67	14.50	14.59	13.82
6	15.08	15.70	15.31	15.18	15.10	14.07	16.81	17.55	15.95	15.75	15.96	15.71	16.59	15.28	15.91	15.16	15.28	15.47	15.22	14.78	15.40	14.82	14.53	15.19	15.49
7	14.96	15.74	14.89	15.13	15.51	15.98	16.15	16.55	15.90	14.22	13.01	12.84	12.93	12.70	11.09	12.14	11.72	13.50	14.39	14.57	14.36	14.17	14.35	14.22	14.21
8	14.89	14.84	14.76	14.25	14.07	13.70	14.12	14.30	13.29	12.84	13.31	13.09	13.00	12.85	13.38	13.27	13.64	13.95	13.95	14.20	14.39	14.18	14.16	13.61	13.84
9	14.30	14.06	13.89	13.80	13.95	15.52	15.45	15.36	15.64	14.88	13.40	13.23	12.96	12.77	11.74	12.25	11.54	13.90	13.26	12.91	14.54	15.04	14.91	15.69	13.95
10	14.97	15.44	15.08	15.17	15.49	15.11	15.24	15.11	14.46	14.14	14.09	13.01	12.98	12.61	12.83	11.29	12.34	12.90	13.56	13.97	15.12	14.68	14.34	14.41	14.10
11	14.68	14.37	14.62	14.68	14.98	15.63	16.38	14.92	14.42	14.36	13.25	13.55	13.63	12.90	13.31	13.08	13.45	13.74	13.33	13.97	14.08	14.20	14.52	14.64	14.20
12	14.26	13.77	14.03	13.31	13.50	13.44	14.88	15.09	15.27	14.85	14.49	13.65	12.79	13.43	13.05	12.59	13.78	13.93	14.43	15.36	16.10	17.20	16.17	16.54	14.41
13	17.19	16.95	17.15	17.33	17.33	17.62	18.24	18.47	17.02	16.26	15.53	15.41	14.61	13.43	14.12	13.68	13.75	14.60	15.19	15.03	14.96	14.95	15.34	15.22	15.81
14	15.37	15.18	15.08	14.87	14.81	15.53	16.50	16.10	15.72	15.78	14.34	13.59	13.69	15.40	12.68	15.46	13.16	12.48	12.57	13.52	13.57	13.89	13.61	14.17	14.47
15	13.99	13.43	13.62	12.65	12.46	12.49	12.83	12.66	12.15	12.06	11.10	10.95	10.91	10.91	10.34	10.77	11.76	12.24	13.26	14.35	15.19	15.83	15.99	16.13	12.84
16	15.88	15.92	15.59	15.92	15.51	14.75	15.78	16.41	18.14	15.46	14.67	12.99	12.90	12.96	13.14	12.55	12.60	12.49	12.36	11.60	12.29	12.90	12.51	13.02	14.10
17	13.14	12.70	11.83	11.82	12.05	12.06	12.73	13.09	11.35	11.04	11.14	11.16	12.05	12.66	11.89	13.10	13.33	13.46	12.60	12.27	12.04	11.58	11.51	11.63	12.05
18	12.08	11.42	11.64	11.40	11.28	11.25	13.36	12.44	12.75	12.34	11.18	9.58	10.19	10.53	10.52	10.83	10.30	11.34	12.11	12.79	12.83	13.32	13.20	13.32	11.75
19	13.24	13.22	13.58	13.29	13.35	11.96	13.04	14.19	14.00	12.85	12.06	11.56	11.29	11.84	10.58	10.43	10.33	11.12	11.93	11.72	12.30	12.30	12.89	13.35	12.35
20	13.74	13.33	13.62	13.99	13.87	14.02	14.99	15.56	14.72	14.08	12.90	9.42	10.68	10.66	11.79	10.90	11.62	12.09	12.10	12.96	13.63	13.82	14.55	14.88	13.06
21	14.53	14.96	15.04	14.66	14.74	14.43	14.70	15.00	14.50	13.52	11.81	9.58	10.52	9.89	9.93	11.00	11.70	12.79	11.50	12.72	13.02	13.33	13.70	13.79	12.97
22	13.94	13.51	13.88	14.43	14.19	14.19	14.92	14.97	14.56	13.55	13.40	11.12	12.33	12.86	12.46	11.90	11.35	13.06	12.91	13.51	13.56	13.76	13.53	13.38	13.39
23	13.94	13.50	13.05	13.44	13.53	14.07	13.43	14.69	14.60	14.74	13.58	11.98	11.65	11.81	11.43	10.19	10.42	10.81	11.41	11.25	11.00	11.42	13.48	13.85	12.62
24	13.72	13.72	13.61	13.52	13.17	12.56	13.08	11.85	14.19	14.61	14.09	12.23	12.54	12.60	12.33	12.21	12.60	12.36	12.89	12.84	14.20	14.80	14.41	14.41	13.27
25	13.99	12.67	13.63	13.37	13.11	12.94	12.79	14.63	15.29	14.62	13.76	13.09	13.81	13.40	12.49	11.28	12.27	13.07	13.02	12.87	13.15	13.08	13.13	13.28	13.28
26	13.37	12.89	13.16	13.04	12.55	12.80	13.29	14.85	14.87	14.04	13.72	13.10	11.98	12.22	12.20	12.38	12.69	13.39	12.85	12.35	13.06	12.56	12.47	12.02	12.99
27	11.23	12.05	12.96	13.23	12.66	13.72	13.60	13.95	13.77	13.64	13.77	13.57	13.64	13.24	12.75	12.72	12.60	12.82	13.87	13.83	13.68	13.42	13.42	13.26	13.23
28	13.32	12.64	11.24	11.59	11.96	12.10	13.46*	13.34	14.02	13.34	13.48	12.37	12.02	12.12	11.98	11.32	11.91	12.82	12.90	13.49	13.18	14.13	13.79	14.00	12.77
29	13.81	13.31	13.58	13.04	12.65	13.05	12.95	14.31	14.20	13.53	12.85	12.51	12.77	11.47	10.75	12.20	12.53	13.44	14.13	14.80	15.04	14.98	14.59	14.48	13.37
30	14.36	13.69	13.61	13.46	14.00	13.41	13.70	14.70	15.30	14.05	12.77	12.86	11.56	11.62	11.74	11.00	9.89	11.01	12.55	14.72	15.08	15.28	14.64	14.43	13.31
Mean	14.09	13.95	13.95	13.88	13.88	13.93	14.60	14.87	14.66	14.02	13.42	12.67	12.67	12.54	12.26	12.24	12.39	13.10	13.23	13.54	13.87	14.01	14.00	14.13	13.57

Vapour Tension.

(Callendar Electric Recorder and Platinum Wire Thermometer).

October, 1900.

DATE	HOURS OF OBSERVATION.																									
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	14.58	13.79	14.15	13.65	13.87	14.02	14.27	15.74	17.40	16.12	15.29	14.77	14.17	13.11	12.86	13.11	12.64	13.64	13.02	12.33	12.70	14.31	13.14	13.35	14.00	
2	13.30	12.86	12.98	13.29	13.88	14.24	14.18	15.46	16.47	17.46	15.20	13.98	13.25	11.75	13.48	12.85	9.96	12.72	13.99	15.24	15.17	15.23	14.86	14.98	14.03	
3	14.85	14.61	14.24	15.17	16.05	15.27	15.36	16.50	17.89	17.83	14.54	12.80	11.32	10.97	10.32	9.10	9.21	10.03	10.84	12.30	13.24	13.65	16.64	17.23	13.75	
4	16.65	16.42	15.98	15.69	15.87	15.61	14.60	15.61	19.07	16.97	15.44	13.11	11.73	11.94	11.94	12.49	13.46	13.13	13.86	14.69	15.14	15.58	15.59	15.29	14.83	
5	16.56	14.97	15.55	15.74	15.56	16.10	16.02	16.26	16.68	16.46	15.58	13.67	11.58	10.57	10.51	9.91	10.26	11.16	11.63	12.11	12.23	12.72	12.53	13.04	13.60	
6	13.45	14.72	15.03	14.97	15.03	14.93	13.91	15.33	14.75	14.04	14.77	13.70	13.78	12.02	12.53	12.21	13.81	14.17	14.23	13.65	14.32	15.52	15.62	14.55	14.21	
7	14.63	14.37	13.50	13.69	14.93	15.85	14.99	15.14	15.49	15.46	13.84	13.64	10.89	11.20	11.06	13.09	13.77	13.45	13.86	13.92	14.12	14.54	15.07	15.45	14.00	
8	14.85	14.90	14.56	15.44	15.68	15.80	16.41	17.18	17.54	17.17	16.49	15.73	15.18	13.17	11.06	13.00	14.31	14.60	14.81	15.27	16.00	16.43	16.74	16.53	15.37	
9	16.40	16.13	16.79	16.48	16.46	16.08	16.84	17.49	16.44	16.39	15.84	14.56	14.37	13.25	12.20	12.91	13.37	14.48	15.95	15.61	15.67	15.64	16.01	16.38	15.49	
10	16.75	16.59	16.50	16.84	16.29	16.19	16.07	16.77	17.19	16.37	16.78	15.66	14.25	14.06	13.36	13.60	14.14	14.55	15.18	15.22	14.89	15.54	16.07	15.68	15.61	
11	15.21	15.40	15.64	16.42	16.84	17.26	16.72	16.89	16.66	16.16	16.12	13.98	11.25	12.21	12.25	12.07	12.97	13.38	14.81	15.51	16.00	15.98	16.10	15.79	15.07	
12	15.60	15.59	16.06	16.05	15.36	15.17	15.02	14.90	16.85	16.81	15.57	15.24	14.05	11.85	10.53	8.62	11.78	13.25	13.81	13.41	12.46	12.82	14.17	14.13	14.13	
13	14.64	14.64	14.27	13.93	13.97	13.52	13.19	13.43	14.13	10.62	10.94	8.89	9.50	9.54	9.67	10.64	10.40	11.73	13.01	10.85	10.35	11.06	8.79	8.99	11.70	
14	8.81	10.10	11.48	10.93	10.68	10.44	10.28	10.94	12.86	15.01	14.13	13.35	12.53	9.76	11.11	11.91	11.70	10.92	11.49	12.41	12.39	12.58	12.52	12.35	11.70	
15	11.78	12.21	11.77	11.71	11.35	11.22	11.36	11.60	13.28	13.01	13.76	11.84	12.89	12.09	11.62	11.33	11.70	12.52	13.71	12.71	12.90	12.43	11.35	11.08	12.13	
16	10.74	10.91	10.57	10.08	10.07	10.00	9.62	9.96	9.43	10.14	9.66	9.88	9.42	11.73	10.56	10.77	11.25	11.50	11.95	12.96	13.15	12.10	12.65	12.91	10.92	
17	12.96	12.98	12.77	9.97	10.54	10.98	9.88	12.57	11.61	11.37	10.89	12.27	10.84	10.62	10.84	12.35	12.01	12.99	13.66	13.55	12.63	12.29	13.85	11.97	11.93	
18	12.59	12.23	12.14	10.74	10.87	11.03	11.50	11.06	12.68	13.64	12.98	11.94	11.54	12.04	10.11	10.57	11.09	12.25	13.01	12.60	12.81	12.72	13.27	12.99	12.01	
19	13.51	12.65	12.28	14.11	12.14	11.75	12.69	13.44	14.80	13.99	12.65	11.66	11.29	12.23	12.06	12.83	13.57	13.90	14.58	14.16	14.69	14.81	16.04	16.00	13.45	
20	15.68	15.04	15.17	15.46	15.36	14.99	15.46	15.82	18.43	16.54	15.80	15.72	15.90	14.89	15.12	15.19	16.05	16.04	16.77	16.75	16.86	16.65	16.72	16.54	15.95	
21	16.17	15.80	17.00	16.71	16.41	15.80	15.79	16.98	17.29	15.87	15.81	14.16	13.44	13.31	13.49	14.16	14.20	14.33	15.96	16.64	16.85	15.83	16.48	16.46	15.62	
22	15.96	15.64	16.21	16.08	15.80	15.51	15.86	16.14	16.63	15.51	14.17	12.79	10.43	12.11	11.34	11.95	12.45	13.37	13.30	13.00	14.77	14.16	15.00	14.90	14.30	
23	14.85	14.77	14.52	14.64	14.51	14.49	13.27	13.64	15.15	14.66	13.85	12.11	11.39	10.79	10.38	11.95	12.33	13.08	13.39	13.55	14.30	12.59	12.59	12.66	13.31	
24	12.70	12.80	13.25	14.42	15.17	15.27	14.90	15.22	14.32	15.09	14.48	14.12	12.39	11.20	9.89	10.56	12.40	13.47	13.71	12.80	13.21	13.95	14.26	14.44	13.46	
25	14.19	15.09	15.52	15.20	14.93	14.55	13.58	14.94	15.00	15.50	15.43	14.76	13.29	12.99	12.11	12.00	14.07	12.34	10.87	11.87	14.08	15.33	16.40	16.35	14.18	
26	16.35	16.22	15.92	15.98	16.42	15.35	14.69	15.83	14.03	10.46	9.97	9.14	9.95	10.00	10.72	10.80	10.70	11.95	11.92	12.86	12.09	11.96	10.78	10.47	12.69	
27	10.32	10.26	10.10	10.89	10.30	10.84	10.14	12.04	12.82	13.82	13.46	12.97	10.54	11.85	11.38	11.72	12.12	11.99	11.66	10.60	10.82	9.44	11.81	10.17	11.32	
28	10.51	9.84	9.61	9.76	9.47	10.17	10.08	9.50	9.56	9.57	9.44	8.98	8.20	8.52	9.41	9.21	10.87	12.16	10.43	9.60	9.29	11.53	9.32	9.49	9.77	
29	9.88	8.08	7.86	7.82	9.15	7.86	7.01	11.00	12.70	13.89	12.81	10.02	8.83	8.71	9.34	10.02	12.27	13.66	12.52	10.91	10.07	10.15	9.50	11.18	10.22	
30	11.04	11.66	10.72	10.28	10.17	10.42	10.39	11.32	11.46	13.46	13.68	11.62	11.20	12.23	13.27	14.62	16.37	15.67	14.18	13.44	17.43	16.41	15.00	15.17	12.95	
31	16.15	15.76	15.46	14.07	15.85	16.50	16.85	16.71	17.49	16.14	15.14	13.18	12.58	14.17	15.26	13.90	13.93	15.22	14.87	14.08	14.93	14.68	14.41	14.06	15.06	
Mean.	13.92	13.78	13.79	13.75	13.84	13.78	13.58	14.50	15.04	14.89	14.02	12.91	12.00	11.76	11.61	11.92	12.55	13.15	13.45	13.37	13.73	13.84	13.85	13.89	13.44	

Vapour Tension.

(Callendar Electric Recorder and Platinum Wire Thermometer).

November, 1900.

HOURS OF OBSERVATION.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	14.37	14.00	13.44	13.54	13.49	13.34	12.82	12.65	12.20	12.02	11.89	12.28	11.87	12.97	12.01	12.12	11.74	12.13	11.96	12.26	12.78	12.32	12.56	12.90	12.65
2	12.74	12.39	12.38	12.52	11.93	11.83	11.53	11.97	10.42	10.25	11.07	10.91	10.70	10.57	10.57	10.70	10.16	10.29	11.28	11.89	12.44	12.20	11.60	11.58	11.41
3	11.41	11.24	10.75	10.66	10.97	11.54	12.12	12.06	12.56	11.63	10.83	11.28	10.88	10.57	10.88	10.28	10.44	11.03	11.76	11.86	11.20	11.73	11.28	11.99	11.29
4	11.99	11.24	11.01	11.00	11.26	11.65	10.89	11.83	12.24	11.68	9.69	9.47	9.81	10.45	9.50	9.66	11.15	11.09	11.66	12.04	12.12	12.20	12.38	12.11	11.17
5	12.09	11.83	12.19	11.70	11.18	10.90	11.33	11.53	11.78	12.42	11.50	11.01	11.07	10.77	10.24	10.18	10.25	9.65	10.74	11.10	10.73	11.33	11.00	10.83	11.14
6	10.86	10.39	10.60	10.18	10.11	10.21	9.54	11.21	11.44	10.65	10.45	10.33	9.85	10.01	9.85	9.95	10.99	11.64	11.23	11.01	10.86	10.91	10.22	11.20	10.57
7	10.93	10.75	10.46	10.10	9.95	10.06	9.53	10.81	11.45	11.51	9.21	9.51	9.12	9.03	9.77	10.22	8.93	10.02	9.57	9.71	9.96	10.26	10.54	10.20	10.06
8	9.58	10.14	9.87	10.39	10.39	10.39	9.52	11.12	11.97	12.66	12.55	11.62	10.92	9.72	9.47	10.70	11.33	11.56	11.52	12.04	12.07	12.19	12.14	11.99	11.07
9	11.33	10.95	10.32	10.34	9.54	10.08	9.92	10.71	11.13	11.56	10.77	10.69	10.51	9.69	9.76	9.85	10.44	11.75	11.28	11.35	11.77	12.64	12.33	12.33	10.88
10	11.79	11.49	11.35	11.48	11.91	11.68	11.65	12.56	12.21	11.50	10.77	10.65	10.94	9.57	10.19	9.00	10.42	10.35	10.32	10.61	10.83	10.06	10.27	9.62	10.88
11	9.52	9.12	9.36	9.09	9.08	8.76	7.74	8.53	11.02	10.45	9.55	10.82	9.64	8.81	8.83	8.66	9.33	9.89	9.98	9.96	8.95	9.01	8.40	8.77	9.30
12	8.67	8.52	8.44	8.30	7.95	8.03	7.11	7.37	8.98	8.23	7.61	7.20	5.32	5.95	5.26	5.10	5.21	5.97	5.97	7.19	8.53	8.98	8.31	7.58	7.32
13	8.29	8.21	7.80	7.73	5.74	5.98	7.24	7.91	9.43	8.52	6.23	8.17	8.11	8.72	8.49	9.17	10.42	11.12	8.63	8.53	8.96	8.33	8.64	7.79	8.26
14	7.95	8.00	7.61	8.10	7.79	7.12	6.64	7.49	6.98	9.03	11.43	10.33	13.15	12.91	13.23	13.21	13.28	13.73	13.55	11.34	10.66	10.23	10.64	10.48	10.20
15	11.03	10.75	10.40	8.94	6.87	5.84	6.04	7.69	7.27	6.48	7.03	10.36	9.86	10.36	9.57	12.28	13.03	12.49	12.57	12.19	11.80	11.73	11.47	11.69	9.91
16	11.87	11.64	11.46	11.64	11.39	11.00	10.93	10.45	11.11	10.42	11.07	10.33	8.63	8.73	7.81	9.27	9.85	10.51	10.18	9.98	9.98	11.22	10.95	11.40	10.49
17	10.50	10.27	9.85	10.09	9.71	9.89	9.12	9.31	10.44	11.66	12.44	12.14	10.25	10.32	8.78	9.78	10.24	10.68	10.74	10.65	10.24	9.87	9.72	10.08	10.28
18	9.17	9.68	9.52	9.44	9.90	8.86	8.68	8.98	9.76	10.73	10.30	10.41	10.34	9.81	9.63	9.45	10.77	11.58	9.96	9.70	9.05	8.77	8.13	8.39	9.62
19	8.38	8.38	8.49	8.54	8.58	8.33	7.84	8.08	8.66	8.54	8.49	8.08	8.59	8.51	8.52	9.29	10.07	9.32	8.20	8.06	7.77	8.23	8.46	8.85	8.51
20	8.88	8.92	8.92	8.59	8.39	8.39	8.47	6.85	8.96	7.52	8.61	9.53	9.35	7.13	7.07	7.50	9.02	9.28	10.90	11.65	11.04	11.42	11.79	11.45	9.15
21	11.11	10.74	10.75	10.60	10.34	9.80	9.87	9.23	10.35	10.62	10.09	9.76	9.46	8.76	8.67	8.48	9.13	9.86	9.95	9.57	10.06	9.49	10.10	10.07	9.87
22	10.06	9.15	8.90	9.56	9.51	8.93	8.87	8.29	9.92	10.74	10.24	9.88	9.57	10.22	9.08	9.34	9.75	9.68	9.99	10.11	9.74	9.25	9.35	9.55	9.55
23	9.41	8.33	8.82	8.56	8.50	8.39	8.09	8.45	8.64	9.54	7.32	7.10	5.71	4.42	4.17	3.47	5.52	6.82	6.41	7.16	6.82	5.67	5.13	5.13	6.99
24	5.72	5.75	5.83	5.67	6.15	6.39	6.51	6.18	6.53	8.35	7.86	7.89	7.82	7.92	6.13	5.73	7.55	8.75	9.38	9.92	7.57	8.37	7.89	8.09	7.25
25	7.36	7.91	7.61	7.67	7.73	7.61	7.84	7.97	7.53	7.68	9.31	9.06	7.74	7.10	7.17	7.17	7.20	8.05	8.10	8.67	8.15	8.38	8.28	8.45	7.91
26	8.32	8.32	8.14	7.85	6.86	7.97	8.10	6.69	5.80	6.43	7.62	7.59	7.02	5.03	5.09	4.95	6.93	6.75	5.68	4.76	5.24	5.96	5.61	5.13	6.58
27	4.88	5.01	4.95	4.95	5.37	5.13	5.26	6.28	5.25	5.00	5.22	6.07	6.32	6.17	5.41	5.54	6.14	6.09	5.82	6.63	6.41	6.11	6.16	6.64	5.70
28	6.27	6.46	7.74	8.56	8.57	6.82	6.88	7.00	5.56	6.19	7.26	6.02	7.01	7.16	7.01	5.63	7.70	7.35	7.65	7.88	8.23	6.46	5.68	7.23	7.01
29	6.99	7.54	6.94	5.19	4.95	6.57	7.41	6.15	5.55	5.83	5.67	6.67	5.67	6.21	6.71	6.71	7.95	7.06	6.71	5.97	5.73	5.48	6.06	7.15	6.37
30	6.45	6.75	6.06	6.49	5.53	6.33	5.89	6.25	7.36	6.79	8.25	7.15	7.56	7.09	6.91	8.54	7.83	7.97	7.43	7.38	5.73	5.91	5.91	5.55	6.80
Mean	9.60	9.46	9.33	9.25	8.99	8.92	8.78	9.05	9.45	9.52	9.34	9.41	9.09	8.82	8.53	8.72	9.41	9.75	9.63	9.70	9.53	9.51	9.36	9.47	9.27

Vapour Tension.

(Callendar Electric Recorder and Platinum Wire Thermometer).

December, 1900.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Mdnt.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	5.30	5.55	7.74	8.24	8.76	5.61	4.09	3.86	4.21	3.46	3.19	3.69	2.95	2.68	2.12	3.38	3.11	3.41	3.53	4.10	4.35	3.06	2.96	2.33	4.28
2	2.70	2.82	2.18	3.20	3.98	5.00	3.25	4.03	3.86	3.50	3.35	3.88	4.51	4.88	4.64	3.87	6.99	7.42	7.21	6.81	8.05	10.01	11.43	11.98	5.43
3	11.36	10.16	9.45	9.74	9.31	9.18	10.48	9.28	11.52	11.65	12.20	12.11	11.13	10.51	9.46	8.75	10.59	10.66	11.04	10.42	10.33	10.39	10.63	10.87	10.47
4	11.40	11.99	11.60	11.24	10.78	10.80	9.20	10.51	11.05	10.82	10.06	9.51	9.39	8.67	8.64	9.34	8.43	9.58	9.78	9.56	10.57	9.95	9.78	9.97	10.11
5	10.13	10.13	9.57	9.75	9.62	9.58	9.67	7.55	7.12	7.22	8.49	8.30	8.58	8.00	7.58	6.75	7.08	7.35	8.20	7.31	7.61	7.76	8.63	8.76	8.37
6	7.96	9.71	9.47	8.80	7.80	8.58	8.34	7.18	9.04	9.82	8.64	9.02	9.89	8.70	8.94	10.01	8.70	8.06	6.95	9.07	9.27	7.98	8.17	9.92	8.75
7	9.12	11.03	10.05	9.05	8.26	8.26	7.88	7.30	8.40	7.41	10.12	8.70	9.78	9.84	8.56	9.73	9.48	9.78	8.90	9.93	9.81	8.75	9.95	9.55	9.15
8	8.84	7.24	6.51	5.19	5.06	4.57	7.48	7.49	8.50	8.42	8.59	8.13	7.74	6.86	7.64	7.10	7.83	8.15	8.12	7.11	6.18	6.15	7.24	6.63	7.17
9	6.16	6.40	6.06	5.51	5.66	6.35	6.48	5.88	6.08	6.27	6.83	6.56	6.39	6.03	6.83	6.44	7.28	7.89	6.86	6.22	7.13	6.88	6.76	6.63	6.48
10	6.69	6.70	7.17	7.05	7.01	7.02	7.27	7.07	8.04	7.27	7.26	7.36	6.88	7.27	6.96	6.19	6.88	7.28	6.86	6.48	7.43	7.28	7.31	7.19	7.07
11	6.22	7.60	5.72	6.18	7.30	8.37	8.64	6.63	7.61	5.67	5.50	5.44	4.95	4.58	4.46	4.33	4.64	4.71	4.60	4.55	4.43	4.08	4.48	5.37	5.66
12	5.85	5.68	6.16	6.57	6.69	6.69	7.05	7.05	6.60	6.81	7.73	7.16	7.63	8.01	7.24	6.92	7.03	8.26	7.25	5.74	6.70	7.72	7.72	6.37	6.94
13	4.44	6.55	6.38	6.47	6.39	6.45	5.96	6.99	7.00	7.39	7.50	8.10	8.52	8.52	7.95	7.65	8.02	8.79	8.44	7.97	8.14	7.72	7.55	7.67	7.36
14	7.63	7.76	7.41	7.42	7.43	7.38	7.18	8.52	9.43	9.46	9.13	9.11	8.93	9.00	7.87	6.69	7.40	8.00	8.87	8.74	8.10	8.44	7.90	7.67	8.14
15	7.00	7.08	6.93	6.35	7.44	6.76	6.53	8.03	8.70	9.11	9.35	9.85	7.86	7.83	8.08	8.31	8.20	8.56	8.97	9.05	8.47	8.72	8.14	7.67	8.04
16	8.62	8.62	9.57	9.19	9.33	9.48	9.74	8.69	9.59	10.31	10.17	7.90	7.33	7.66	7.14	7.00	7.08	8.49	7.77	7.37	7.79	8.41	7.60	6.18	7.95
17	7.49	7.85	8.56	7.70	8.50	8.00	8.44	8.02	8.29	8.53	9.06	9.25	9.24	9.47	8.86	8.32	8.83	9.13	9.07	8.33	8.04	7.30	7.43	7.23	8.37
18	7.11	7.48	7.54	7.91	6.99	7.38	6.22	7.07	6.81	6.93	8.73	8.56	8.13	6.53	6.63	8.50	6.69	7.29	7.00	6.93	7.12	7.12	7.31	7.13	7.00
19	8.31	6.95	6.66	6.08	7.49	8.15	6.52	7.32	6.43	6.70	6.15	6.21	6.09	5.72	6.87	7.12	6.63	7.36	7.49	7.78	7.18	6.58	7.01	6.97	6.90
20	7.25	7.43	7.43	7.07	6.84	6.84	6.84	8.07	8.32	8.46	9.00	8.80	8.11	7.64	7.52	8.35	8.21	8.42	8.90	8.69	9.12	8.94	8.80	8.36	8.05
21	8.29	8.88	8.02	8.14	8.64	7.42	7.85	7.78	8.15	8.28	8.77	9.38	8.40	8.38	7.85	7.26	8.50	8.16	6.78	6.65	6.69	7.78	7.43	7.55	7.97
22	7.68	7.19	7.17	7.12	7.04	6.36	5.82	6.26	6.47	6.75	6.93	7.06	6.44	6.25	6.57	6.30	7.65	7.67	7.37	7.11	6.76	7.13	7.07	7.53	6.90
23	5.53	6.61	6.20	6.96	6.61	6.99	7.49	6.96	7.84	7.96	8.79	3.85	9.35	8.90	9.23	10.09	10.81	10.95	10.21	10.00	9.54	9.24	8.80	8.44	8.43
24	8.32	8.28	8.50	8.64	8.26	7.49	7.85	9.04	9.29	9.36	9.43	9.84	8.71	8.26	8.09	9.60	8.94	9.57	9.67	9.77	10.31	9.53	9.40	9.45	8.98
25	9.52	9.43	9.36	9.72	9.73	9.92	9.01	9.83	10.31	10.36	10.90	10.50	10.79	10.63	10.27	10.05	10.21	9.75	9.53	9.77	9.83	9.76	9.86	10.09	9.96
26	9.77	10.31	10.07	9.68	9.43	9.30	8.80	9.11	9.08	9.97	10.81	10.21	11.12	8.02	7.90	8.49	7.83	7.18	8.25	8.09	8.02	7.99	7.90	7.02	8.93
27	7.25	7.21	6.61	6.57	7.09	6.79	8.03	7.67	7.48	7.78	7.49	7.88	7.66	7.48	6.99	7.18	8.14	7.98	8.22	8.27	9.19	8.77	8.90	8.66	7.72
28	9.01	8.76	8.33	8.50	8.08	8.14	8.39	8.92	8.63	9.61	8.43	8.51	9.08	10.08	9.69	9.67	9.64	9.47	9.02	8.36	8.72	8.90	8.64	8.33	8.87
29	8.32	8.27	7.84	7.60	8.57	8.51	8.02	8.08	8.09	9.57	9.68	9.67	9.84	9.86	9.63	9.06	9.05	7.80	9.70	9.53	9.07	8.70	8.74	8.45	8.82
30	8.27	8.27	7.70	7.98	7.59	7.93	7.68	7.79	7.66	7.61	7.81	6.91	7.47	5.61	5.49	5.55	5.72	6.15	6.04	6.69	6.11	6.00	5.72	5.55	6.89
31	5.64	5.34	5.39	7.85	7.20	7.79	4.57	4.90	4.92	5.33	5.16	5.97	5.67	5.55	5.73	6.03	6.46	6.94	6.64	6.75	6.87	6.76	6.76	6.76	6.12
Mean	7.65	7.85	7.66	7.66	7.71	7.65	7.44	7.54	7.89	7.99	8.23	8.14	8.02	7.68	7.50	7.55	7.81	8.07	7.98	7.84	7.97	7.86	7.92	7.82	7.81

Direction of Wind.

1900.

DATE	JANUARY					FEBRUARY					MARCH				
	Hours of Observation.					Hours of Observation.					Hours of Observation.				
	6	8	14½	21	Mean	6	8	14½	21	Mean	6	8	14½	21	Mean
1	N	N	NNE	NNE	NNE	—	—	N	N	N	SSW	SSW	SSW	S	SSW
2	—	—	N	—	N	N	N	NE	NE	NNE	SSW	SSW	SSW	S	SSW
3	N	N	NW	NW	NNW	NE	NE	NE	NE	NE	S	S	SSW	—	S
4	N	NW	W	—	NW	NE	NE	NNW	NW	N	S	SSE	SW	S	SSW
5	—	—	NNW	NE	NNE	NW	W	W	NW	NNW	W	WNW	NW	NNW	NW
6	—	—	N	—	N	S	S	SW	S	SSW	—	—	NW	NW	NW
7	NNE	—	NW	—	NNW	—	SW	W	—	W	S	S	S	S	S
8	—	—	S	S	S	W	W	SW	SW	WSW	—	—	NE	NNW	NNE
9	S	S	WSW	WNW	WSW	—	—	S	—	S	NE	NNE	NNE	NE	NE
10	SSW	SSW	SSW	SW	SSW	—	—	SW	SW	SW	NNE	N	N	NNE	NNE
11	S	S	SW	SW	SSW	—	—	SW	SW	SW	N	NE	NE	NNE	NNE
12	SW	SSW	S	S	SSW	SW	SW	NW	WSW	W	NNE	NW	NW	NW	NNW
13	—	—	NE	NNE	NNE	WSW	WSW	W	NW	W	SW	SSW	W	WSW	WSW
14	—	—	W	W	W	S	SSW	SSW	SSW	SSW	SSW	SSW	WSW	WSW	SW
15	—	—	NW	—	NW	SW	SSW	SSW	SSW	SSW	SW	WSW	WNW	WSW	WSW
16	—	—	NW	NW	NW	SSW	SSW	SSW	WSW	SW	S	SSW	WNW	N	W
17	—	—	WNW	NW	WNW	WSW	SW	W	NW	W	—	—	WNW	WSW	W
18	SW	SSW	W	—	WSW	SSW	SW	SW	SSW	SSW	ENE	ENE	NNE	NNE	NE
19	—	—	NW	NE	N	S	SSW	WSW	SW	SW	—	—	SSW	SSW	SSW
20	NE	—	NE	NE	NE	SW	SW	SW	SW	SW	NW	SSW	WNW	NW	NW
21	—	NE	NNW	N	N	SW	SSW	SSW	SSW	SSW	NW	W	NNW	NNE	NNW
22	W	W	NW	W	WNW	SSW	SSW	S	S	S	SW	SW	SSW	NNE	W
23	S	S	SW	SSW	SSW	SSW	SSW	SW	W	SW	N	NW	N	NE	NNE
24	SSW	SSW	W	—	SW	SW	SSW	NW	SSW	WSW	NE	E	NE	NE	NE
25	—	W	NW	—	NW	SW	SSW	NNW	W	W	—	—	WNW	WNW	WNW
26	WNW	—	W	—	W	WSW	SW	NW	WSW	W	ENE	S	SSW	NNW	Variable
27	—	—	N	W	NW	WSW	WSW	W	NNW	WNW	—	—	N	NNE	N
28	SW	SW	W	W	WSW	NNW	SW	WSW	WSW	W	—	—	N	NNE	N
29	—	—	NE	NE	NE	—	—	—	—	—	—	—	WNW	W	W
30	NNE	—	N	N	N	—	—	—	—	—	SSW	S	WSW	ESE	S
31	N	N	W	WNW	NW	—	—	—	—	—	N	NE	NE	NE	NNE

Direction of Wind.

1900.

DATE	APRIL					MAY					JUNE				
	Hours of Observation.					Hours of observations.					Hours of Observations.				
	6	8	14½	21	Mean	6	8	14½	21	Mean	6	8	14½	21	Mean
1	—	NE	NNE	S	NNW	—	—	N	N	N	—	(	NNW	NNW	NNW
2	W	WNW	NNE	NNE	NNW	—	—	NNE	NE	NE	—	E	NW	NW	NW
3	NNE	N	N	NNE	NNE	—	NE	NE	NE	NE	—	NNW	SSW	NNE	WNW
4	NE	ENE	NNE	NE	NE	NE	NE	NE	ENE	NE	NNE	NNE	NNE	NNE	NNE
5	NE	NE	NE	NE	NE	—	W	NW	NW	NW	E	NE	NE	NE	ENE
6	NE	ENE	NE	NE	NE	—	WNW	WNW	NNW	NW	NE	NE	NNE	NE	NE
7	NE	NE	NE	NE	NE	NNW	WSW	NW	NW	NW	NE	NE	NE	NNE	NE
8	N	N	N	N	N	NW	NW	WNW	—	NW	NE	NE	NNE	NNE	NNE
9	NE	NE	NE	NE	NE	—	NE	NNW	NE	N	—	NE	NE	NE	NE
10	NE	NE	SW	NW	NW	—	—	NNE	NE	NE	NE	NNE	NNE	NE	NE
11	NW	NW	NW	NE	NNW	—	—	NNE	ENE	NE	NE	NNE	NE	N	NNE
12	—	—	N	ENE	NE	S	SSW	SSW	NNW	WSW	NE	NE	NE	NE	NE
13	—	NE	NNW	N	N	—	NNW	NNW	NNW	NNW	NE	NNE	N	N	NNE
14	N	N	NNW	NE	N	NE	NE	NE	NNE	NE	N	N	NNW	NNW	NNW
15	—	NNE	N	NE	NNE	NNE	NE	NE	NE	NE	—	NNW	NNW	NNW	NNW
16	ENE	ENE	NNW	NW	N	NE	NE	NNE	NE	NE	NNW	N	N	NNE	N
17	NE	—	NNW	N	N	—	ENE	SW	SW	SW	NE	NE	N	NNW	N
18	—	NE	NNE	NNE	NNE	—	SE	S	WNW	WSW	NNE	NE	N	NNW	N
19	NNE	NNE	NNE	NNE	NNE	WNW	WNW	NW	NW	NW	N	N	N	N	N
20	NNE	NNE	NNE	NNE	NNE	—	—	WNW	NNW	NW	N	N	N	N	N
21	NNE	NNE	NNE	NNE	NNE	—	NNE	N	NE	NNE	N	NNE	N	N	N
22	NE	NNE	NNE	NNE	NNE	N	N	NNE	NNE	NNE	N	N	N	NE	NNE
23	N	—	—	NNE	N	NE	ENE	NE	NE	NE	NE	NE	NNW	N	N
24	S	S	WNW	—	SW	—	NW	NNW	NNW	NNW	N	NNE	N	N	N
25	WSW	WSW	W	—	WSW	WSW	W	NW	NW	WNW	—	—	N	N	N
26	—	—	W	NE	NNW	NW	NW	WSW	NNW	WNW	NNW	NNW	NW	N	NNW
27	—	—	ENE	ENE	ENE	ENE	ENE	ENE	ENE	ENE	N	N	N	N	N
28	—	SSE	WNW	WNW	WNW	S	S	NW	NW	W	—	N	NNW	NNW	NNW
29	—	NE	WNW	NW	NW	NW	—	NE	WSW	NW	—	NW	NW	NW	NW
30	—	—	NNW	NNW	NNW	WSW	WSW	NW	—	W	—	—	N	NNE	N
31	—	—	—	—	—	—	SSW	SW	N	WNW	—	—	—	—	—

Direction of Wind.

1900.

DATE	JULY					AUGUST					SEPTEMBER				
	Hours of Observation.					Hours of Observation.					Hours of Observation.				
	6	8	14½	21	Mean.	6	8	14½	21	Mean.	6	8	14½	21	Mean.
1	—	NE	N	N	N	NNW	NNW	NNW	—	NNW	N	—	NNW	NNW	NNW
2	—	N	NW	NW	NW	—	N	NW	N	NNW	—	NNW	NNW	NNW	NNW
3	NW	NW	NNW	NNW	NNW	N	NNW	NW	N	NNW	—	—	NNW	NNW	NNW
4	—	N	NW	NE	N	N	N	NNW	NNE	N	—	NNW	N	N	N
5	—	N	NW	N	NNW	—	WNW	NW	N	NNW	—	N	NNW	—	NNW
6	—	N	NNE	N	N	N	—	N	N	N	—	NNE	N	—	N
7	—	—	N	N	N	—	NNW	N	N	N	—	N	NNW	NE	N
8	—	NE	N	N	N	—	N	NW	NNW	NW	—	NNE	N	—	N
9	—	N	NNW	NNW	NNW	—	NNW	NNW	NNW	NNW	—	N	NNW	—	NNW
10	N	N	N	N	N	—	—	NNW	NNW	NNW	—	N	N	—	N
11	—	NW	NNW	NNW	NNW	—	NNW	NNW	NNW	NNW	N	N	NNE	NNE	NNE
12	NNW	NNW	NNW	N	NNW	—	NNW	NNW	NNW	NNW	NNE	—	NNW	N	N
13	NE	N	NNW	NNW	N	—	N	NE	NE	NE	—	NW	N	—	N
14	N	N	N	N	N	—	NE	NNW	N	N	—	N	NNW	—	NNW
15	N	N	NNE	NNE	NNE	N	N	NNW	N	N	—	NNW	NNW	NNW	NNW
16	WSW	NNW	N	N	NW	—	N	NNW	NNW	NNW	—	—	NNW	N	N
17	N	N	W	NNW	NW	—	NNW	N	—	N	—	NE	NE	NNE	NE
18	WNW	NNW	NW	NNW	NW	—	—	NNW	NNE	N	—	—	NNW	N	N
19	NNW	NNW	N	NNE	N	—	NNE	N	N	N	—	—	N	—	N
20	NNE	NNE	N	N	N	N	N	N	NNW	N	—	N	NNW	—	NNW
21	—	N	NNW	NNE	N	NNE	—	NNW	—	N	—	N	NNE	NNW	N
22	—	NNE	NW	N	NNW	SW	SW	NW	N	WNW	—	NNW	NE	N	NNE
23	—	N	NNW	NNW	NNW	—	N	N	N	N	N	—	N	N	N
24	—	NNE	NW	NNE	NNW	—	NNE	NNW	N	N	—	—	NW	NNW	NW
25	—	NNE	NNW	NNW	NNW	—	—	NNW	NNW	NNW	—	NE	N	N	N
26	—	N	N	NNW	N	—	NNW	NNW	—	NNW	—	NE	N	—	N
27	NNW	N	NNW	N	NNW	—	NNW	NW	—	NW	—	NE	NNW	NNE	N
28	N	N	N	N	N	—	N	N	—	N	—	—	N	N	N
29	—	N	NNE	N	N	—	NNE	N	NNE	N	—	N	N	N	N
30	—	N	N	N	N	NE	NE	N	NNE	NNE	—	N	NNW	NE	N
31	N	N	NNW	NNW	NNW	—	—	N	N	N	—	—	—	—	—

Direction of Wind.

1900.

DATE	OCTOBER					NOVEMBER					DECEMBER				
	Hours of Observation.					Hours of Observation.					Hours of Observation.				
	6	8	14½	21	Mean.	6	8	14½	21	Mean.	6	8	14½	21	Mean.
1	—	NE	NNE	N	N	NE	NE	N	N	NNE	—	S	SW	SSW	SSW
2	N	N	N	N	N	—	—	N	N	N	SW	SSW	SSW	E	S
3	N	N	NNE	NNE	NNE	—	—	N	—	N	—	—	NNE	—	NNE
4	—	NE	N	N	N	—	—	N	N	N	N	—	NE	NE	NNE
5	—	N	N	—	N	—	N	NNE	N	N	—	ENE	NNE	NE	NNE
6	—	N	N	—	N	—	—	N	N	N	—	—	—	W	W
7	—	—	NE	N	NNE	—	—	N	—	N	—	—	S	—	S
8	—	—	NNW	—	NNW	—	—	NNW	—	NNW	S	SW	SSW	—	S
9	NNW	—	NNW	—	NNW	—	—	N	—	N	SSW	SSE	SSE	—	S
10	—	NNW	N	—	N	E	N	NW	—	NW	W	—	SSE	—	SSW
11	—	—	NW	—	NW	—	—	N	—	N	—	—	S	—	S
12	—	—	NW	NNE	NNW	—	—	NE	NE	NE	S	S	WSW	—	SSW
13	—	—	N	N	N	—	—	—	—	—	—	—	W	—	W
14	—	NNW	NNW	—	NNW	—	—	—	ENE	ENE	—	—	NW	—	NW
15	—	—	N	—	N	—	ESE	N	—	NE	—	—	N	—	N
16	—	—	N	N	N	—	—	N	N	N	—	—	N	—	N
17	—	—	N	—	N	—	—	NNW	—	NNW	—	—	WNW	SSW	WSW
18	—	—	NNW	N	N	—	—	—	—	—	SSW	S	W	SW	SW
19	—	N	N	N	N	—	—	SW	—	SW	SSW	W	NW	SW	WSW
20	—	—	N	—	N	—	—	—	NNE	NNE	SW	S	WSW	—	SSW
21	N	—	N	N	N	—	W	NE	—	NE	—	—	S	NW	WSW
22	—	NNE	N	NE	NNE	—	—	NNE	—	NNE	—	—	SW	—	SW
23	—	—	N	—	N	—	—	NE	—	NE	—	—	—	SW	SW
24	—	N	NNW	—	NNW	—	—	—	N	N	S	S	W	SW	SW
25	—	N	W	W	W	—	—	NNW	—	NNW	—	—	S	—	S
26	—	—	NNW	—	NNW	—	—	WSW	WNW	W	—	—	W	—	W
27	—	—	N	N	N	SSW	SSW	S	—	S	S	S	SW	S	SSW
28	—	—	—	—	—	—	—	SSW	SSW	SSW	SSW	S	W	W	WSW
29	—	—	N	—	N	—	—	—	—	—	SW	SW	SSW	WSW	SW
30	—	—	N	N	N	—	SSW	—	—	—	S	S	S	S	S
31	N	N	N	NE	NNE	—	—	—	SW	SW	S	S	W	W	WSW

Frequency of Winds.

1900.

Hour	N	NE	E	SE	S	SW	W	NW	Calm
JANUARY.									
6 h. ..	5.0	2.0	—	—	4.0	4.0	1.5	0.5	14
14½ h. ..	5.5	3.5	—	—	2.5	3.0	8.0	8.5	—
21 h. ..	3.0	5.0	—	—	2.5	2.5	5.0	4.0	9
Total ..	13.5	10.5	—	—	9.0	9.5	14.5	13.0	23
FEBRUARY.									
6 h. ..	1.5	2.0	—	—	5.0	10.0	3.0	1.5	5
14½ h. ..	2.0	2.0	—	—	4.0	10.0	6.0	4.0	—
21 h. ..	1.5	2.0	—	—	4.5	9.5	4.0	4.5	2
Total ..	5.0	6.0	—	—	13.5	29.5	13.0	10.0	7
MARCH.									
6 h. ..	4.0	4.0	1.0	—	6.0	4.0	1.0	2.0	9
14½ h. ..	5.5	5.0	—	—	4.0	5.0	5.0	6.5	—
21 h. ..	6.0	7.0	0.5	0.5	4.5	2.5	3.5	5.5	1
Total ..	15.5	16.0	1.5	0.5	14.5	11.5	9.5	14.0	10
APRIL.									
6 h. ..	5.0	10.5	0.5	—	—	1.5	1.5	1.0	10
14½ h. ..	10.5	8.5	0.5	—	—	1.0	3.5	5.0	1
21 h. ..	7.5	14.0	1.0	—	1.0	—	0.5	4.0	2
Total ..	23.0	33.0	2.0	—	1.0	2.5	5.5	10.0	13
MAY.									
6 h. ..	2.0	5.0	0.5	—	2.0	1.0	1.5	4.0	15
14½ h. ..	6.0	9.0	0.5	—	1.5	3.0	2.0	9.0	—
21 h. ..	6.0	10.5	1.5	—	—	1.5	1.0	8.5	2
Total ..	14.0	24.5	2.5	—	3.5	5.5	4.5	21.5	17
JUNE.									
6 h. ..	9.0	10.0	1.0	—	—	—	—	1.0	9
14½ h. ..	16.5	7.0	—	—	0.5	0.5	—	5.5	—
21 h. ..	16.0	9.0	—	—	—	—	—	5.0	—
Total ..	41.5	26.0	1.0	—	0.5	0.5	—	11.5	9

Hour	N	NE	E	SE	S	SW	W	NW	Calm
JULY.									
6 h. ..	10.0	1.5	—	—	—	0.5	1.0	3.0	15
14½ h. ..	17.5	1.5	—	—	—	—	1.0	11.0	—
21 h. ..	22.0	3.0	—	—	—	—	—	6.0	—
Total ..	49.5	6.0	—	—	—	0.5	2.0	20.5	15
AUGUST.									
6 h. ..	6.0	1.5	—	—	—	1.0	—	0.5	22
14½ h. ..	17.0	1.0	—	—	—	—	—	13.0	—
21 h. ..	18.0	3.0	—	—	—	—	—	4.0	6
Total ..	41.0	5.5	—	—	—	1.0	—	17.5	28
SEPTEMBER.									
6 h. ..	3.5	0.5	—	—	—	—	—	—	26
14½ h. ..	19.0	3.0	—	—	—	—	—	8.0	—
21 h. ..	13.5	3.5	—	—	—	—	—	3.0	10
Total ..	36.0	6.0	—	—	—	—	—	11.0	36
OCTOBER.									
6 h. ..	4.5	—	—	—	—	—	—	0.5	26
14½ h. ..	22.0	2.0	—	—	—	—	1.0	5.0	1
21 h. ..	12.0	3.0	—	—	—	—	1.0	—	15
Total ..	38.5	5.0	—	—	—	—	2.0	5.5	42
NOVEMBER.									
6 h. ..	—	1.0	1.0	—	0.5	0.5	—	—	27
14½ h. ..	12.5	4.0	—	—	1.5	2.0	0.5	2.5	7
21 h. ..	7.5	2.0	0.5	—	0.5	1.5	0.5	0.5	17
Total ..	20.0	7.0	1.5	—	2.5	4.0	1.0	3.0	51
DECEMBER.									
6 h. ..	1.0	—	—	—	8.5	4.5	1.0	—	16
14½ h. ..	3.0	2.0	—	1.0	7.5	5.5	7.5	2.5	2
21 h. ..	—	2.0	1.0	—	3.0	5.5	3.5	1.0	15
Total ..	4.0	4.0	1.0	1.0	19.0	15.5	12.0	3.5	33

Wind Velocity (in kilometres per hour).
(Dines's Self-Registering Pressure Anemometer).

January, 1900.

DATE	HOURS OF OBSERVATION.																									
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	16.0	17.5	19.0	21.0	22.0	22.5	15.0	7.5	12.0	27.0	28.0	30.0	25.0	30.0	29.0	23.5	19.0	17.5	12.0	15.0	8.0	12.0	3.0	0.0	18.06	
2	1.5	0.0	2.0	0.0	0.0	0.0	1.0	0.0	0.0	8.0	18.0	17.5	18.0	12.5	20.5	13.5	9.5	4.5	2.5	2.0	0.5	6.0	1.5	0.5	5.81	
3	5.0	2.0	0.0	2.0	8.0	1.0	2.5	5.5	10.0	6.5	10.0	7.5	7.5	10.0	12.5	6.5	1.0	3.5	0.0	0.0	2.5	0.0	5.0	1.0	4.56	
4	0.0	0.0	1.0	6.5	7.0	5.0	0.0	1.0	6.0	17.0	10.0	7.5	8.5	10.0	5.0	0.5	1.0	0.0	0.0	0.0	0.0	6.5	3.5	0.0	4.00	
5	7.0	2.0	0.0	0.0	0.0	0.0	1.0	0.5	1.0	7.0	15.0	12.5	17.0	22.5	21.0	18.5	17.0	9.5	11.0	11.0	10.0	10.5	13.0	8.0	8.96	
6	8.5	1.0	1.0	1.0	1.0	0.5	0.5	0.5	0.5	2.0	2.0	12.0	16.0	23.5	22.5	28.0	22.5	15.0	13.5	0.5	0.5	0.5	0.5	0.5	7.24	
7	1.0	0.5	2.5	4.0	1.0	1.0	1.0	0.0	0.0	0.0	0.0	7.0	9.0	5.0	7.5	2.5	6.0	1.0	4.5	0.0	0.0	0.0	0.0	0.0	2.22	
8	4.5	5.0	1.0	2.5	0.0	0.0	1.0	0.0	8.0	11.5	22.0	21.5	24.0	23.5	18.5	20.0	7.0	12.0	1.5	1.0	1.0	4.0	1.0	7.0	8.44	
9	8.5	14.5	13.0	16.5	21.0	17.8	18.0	25.0	25.0	25.0	25.0	20.0	19.0	18.5	13.0	11.0	6.0	5.5	8.5	7.0	4.0	10.0	11.0	0.0	14.28	
10	0.5	10.0	12.0	17.5	14.0	12.0	20.0	13.5	21.0	12.5	22.0	19.0	16.0	25.0	21.0	22.0	15.0	8.0	9.0	12.0	9.5	12.0	14.0	17.0	14.77	
11	11.0	12.5	19.0	18.0	19.0	20.5	22.0	25.0	25.0	25.0	25.0	25.0	22.5	20.0	20.0	20.0	9.0	8.0	4.0	10.5	7.0	3.5	13.0	14.0	16.60	
12	11.0	13.5	15.0	12.5	12.0	10.0	11.0	12.0	12.0	15.0	15.0	17.0	16.0	7.5	14.5	6.5	9.0	12.5	1.5	5.0	9.0	0.0	0.0	0.0	9.90	
13	0.0	2.5	0.0	4.5	0.5	0.5	0.0	0.0	0.0	5.5	8.0	13.0	15.0	16.5	12.0	12.5	12.0	7.5	6.5	0.0	1.0	1.0	4.0	7.5	5.42	
14	2.0	0.5	0.0	0.0	0.0	0.0	3.5	0.0	1.0	12.0	12.0	8.0	1.0	2.5	5.5	6.0	1.0	0.0	3.0	9.5	10.0	9.5	2.5	0.0	3.73	
15	11.0	2.5	0.5	0.0	2.5	0.0	0.0	0.0	13.5	3.0	11.0	15.0	16.0	20.0	15.0	10.0	9.0	3.5	1.0	0.0	0.0	4.5	6.5	6.02		
16	8.0	10.0	4.5	0.0	0.0	0.0	0.0	0.0	4.0	8.0	11.0	12.5	15.0	20.0	19.5	12.0	5.5	1.0	5.0	5.5	9.5	0.0	0.0	0.0	6.29	
17	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	10.0	10.0	15.0	20.0	25.0	25.0	20.0	9.0	12.5	6.0	7.5	4.0	11.0	13.0	10.5	8.37	
18	9.0	17.5	17.0	15.0	18.0	15.0	15.0	15.5	20.0	29.5	20.0	10.0	20.0	19.5	12.5	4.0	5.0	0.0	1.5	0.0	0.0	0.0	5.0	1.0	11.25	
19	0.0	6.5	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	4.5	10.0	7.5	10.0	12.0	11.0	7.5	13.5	0.5	9.5	17.0	6.0	1.0	0.0	4.94	
20	0.0	0.0	0.5	7.5	3.5	5.0	0.0	0.0	9.5	26.5	37.0	27.5	34.0	35.5	25.0	37.5	28.0	8.5	13.5	15.0	21.0	5.0	3.5	1.8	14.35	
21	0.0	5.5	0.0	0.0	1.5	0.0	0.0	5.4	0.0	6.0	1.0	6.6	6.0	8.0	0.0	11.0	0.0	0.4	8.5	7.0	10.0	12.0	0.5	5.0	3.93	
22	1.5	5.0	17.0	0.0	2.5	8.0	0.0	8.5	15.0	0.0	11.0	18.5	13.0	20.0	10.0	10.0	2.0	8.0	2.0	9.0	19.0	20.0	26.0	21.5	10.31	
23	25.0	25.5	18.5	25.0	21.0	33.0	30.0	25.0	27.0	32.0	30.0	32.0	30.0	30.0	27.0	20.0	17.0	11.0	12.0	14.0	15.0	12.0	11.0	13.0	22.33	
24	12.5	10.0	0.0	12.0	19.5	16.0	16.0	15.0	25.0	20.0	17.0	18.0	9.0	10.0	15.0	10.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	9.88	
25	5.0	4.0	4.5	2.0	1.5	0.0	2.5	8.0	3.5	13.0	11.0	8.0	13.0	13.0	18.0	14.0	9.0	3.0	3.0	2.0	0.0	0.0	0.0	7.0	6.04	
26	5.0	0.0	0.0	0.0	0.0	5.0	0.0	0.0	0.0	2.0	10.0	15.0	6.0	16.5	4.0	2.5	0.5	1.0	0.0	0.0	0.0	0.0	0.0	5.0	3.02	
27	0.0	4.5	0.0	0.0	1.0	0.0	0.0	0.0	1.0	0.0	1.5	7.5	11.0	15.0	8.0	15.0	7.0	0.0	1.0	0.0	3.0	10.0	15.0	20.0	4.19	
28	19.0	25.0	19.0	20.0	25.0	20.0	21.0	17.0	27.0	33.5	26.0	31.5	29.0	30.0	27.0	25.5	12.0	8.0	7.5	5.5	9.5	10.5	10.5	10.5	19.56	
29	9.0	3.5	7.0	0.0	0.0	0.0	0.0	0.0	0.0	9.5	8.0	2.5	13.0	10.5	15.0	18.5	19.0	17.5	14.5	11.5	10.5	12.5	12.0	14.0	8.67	
30	18.0	7.5	16.0	6.0	2.0	3.0	0.0	0.0	2.0	4.0	2.5	6.0	7.0	11.0	16.0	13.0	11.0	10.0	1.0	7.0	7.0	6.0	6.5	0.0	6.77	
31	0.5	1.0	0.0	3.0	8.0	1.0	0.0	4.0	7.5	5.0	6.0	8.0	4.5	7.0	8.5	10.0	8.0	0.0	0.0	0.0	11.0	0.0	3.0	0.0	4.00	
Mean	6.76	6.06	6.13	6.40	6.82	6.35	5.84	6.11	8.95	12.12	13.85	14.87	15.11	17.19	15.48	14.03	9.40	6.85	4.98	5.39	6.44	5.82	5.98	5.69	8.85	

Wind Velocity (in kilometres per hour).

(Dines's Self-Registering Pressure Anemometer).

February, 1900.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	6.0	4.5	8.0	17.5	16.0	21.0	24.0	17.0	10.0	9.0	12.0	7.0	9.0	1.0	9.0	7.23
2	11.5	7.0	11.5	14.0	8.0	6.0	5.0	2.0	15.0	15.0	10.0	12.0	17.0	22.0	25.0	20.0	17.5	17.0	27.0	17.0	22.0	18.0	17.0	20.0	14.85
3	7.5	20.0	15.5	14.0	7.0	7.0	6.0	6.0	12.0	14.0	20.0	25.0	27.0	26.0	27.0	26.0	25.0	21.0	17.0	14.0	16.0	17.0	7.5	7.0	16.00
4	6.0	7.0	0.0	2.0	5.5	2.0	0.0	2.0	0.0	13.0	16.0	16.0	17.5	20.0	19.0	25.0	19.5	13.0	8.5	8.0	10.0	8.0	3.0	5.0	9.42
5	0.5	2.0	7.0	8.0	6.5	8.0	9.0	12.5	13.0	13.0	12.5	7.0	14.0	15.0	9.0	18.5	4.0	0.0	0.0	3.0	6.5	1.0	3.5	1.5	7.29
6	3.0	4.0	0.0	1.5	8.0	16.5	15.0	15.0	26.0	32.0	21.0	28.0	25.0	27.0	19.0	16.0	21.0	18.0	7.5	4.0	10.5	8.0	10.0	15.0	14.63
7	0.0	1.0	3.0	0.0	1.0	2.0	6.0	10.0	14.5	17.0	15.0	19.0	19.5	17.0	25.0	25.0	20.0	14.0	7.0	3.0	0.0	0.0	0.5	1.0	9.19
8	4.5	6.0	12.0	12.0	11.5	13.0	12.0	12.0	15.0	15.0	12.0	15.0	13.0	12.0	12.0	14.0	7.0	0.0	0.5	0.0	9.0	5.0	6.0	0.0	9.10
9	3.5	0.0	1.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	16.0	19.0	15.0	12.0	9.5	11.0	8.0	1.0	3.0	6.0	0.0	7.0	0.0	1.0	4.75
10	0.5	0.0	3.0	0.0	0.0	0.0	0.0	0.0	12.0	30.0	37.0	39.0	37.0	36.0	34.0	21.0	15.0	5.0	9.5	1.0	1.0	0.0	0.0	0.0	11.71
11	0.0	7.0	1.5	0.0	0.0	0.0	0.0	0.0	1.5	11.0	14.5	15.0	16.0	10.0	10.0	10.0	6.0	0.0	10.0	5.0	10.0	15.0	22.0	8.0	7.19
12	8.5	0.0	16.0	20.0	20.0	15.0	15.0	16.0	19.5	25.0	30.0	30.0	31.0	27.0	27.0	25.0	16.5	15.0	13.5	13.0	15.0	17.0	13.0	15.0	18.46
13	14.5	18.0	12.0	17.0	13.5	14.0	14.5	15.0	19.0	17.0	20.0	27.0	25.0	26.0	27.0	22.0	14.0	5.0	1.0	2.0	1.0	1.5	1.0	2.5	13.73
14	1.5	15.5	9.5	4.0	20.0	21.0	16.0	20.0	25.0	20.0	30.0	29.0	30.0	35.0	21.0	20.0	20.0	16.0	16.5	17.0	7.5	2.0	0.5	3.0	16.67
15	6.0	8.0	10.0	5.0	8.5	2.0	11.0	19.0	26.0	27.0	29.0	25.0	34.0	31.0	30.0	27.0	24.0	18.0	29.0	28.0	26.0	22.0	22.0	22.0	20.40
16	19.0	13.0	10.0	15.0	12.5	17.0	15.0	17.0	25.0	29.0	27.0	26.0	29.0	35.0	45.0	38.0	32.0	30.0	27.0	23.0	24.0	20.0	13.0	25.0	23.60
17	21.0	25.0	19.0	21.0	21.0	15.0	15.0	15.0	21.0	26.0	24.0	20.0	22.0	24.0	24.0	25.0	12.5	9.0	3.0	4.0	1.0	2.0	4.0	5.0	15.77
18	0.0	0.0	6.5	6.0	8.0	16.0	16.0	17.0	17.0	17.0	20.0	26.0	32.0	35.0	33.0	29.0	32.0	20.0	20.0	24.0	24.0	25.0	25.0	29.0	19.90
19	35.0	36.0	35.0	41.0	39.0	46.0	42.0	39.0	39.0	35.0	30.0	35.0	37.0	35.0	41.0	25.0	30.0	25.0	28.0	21.0	16.0	20.0	19.0	19.0	32.00
20	25.0	25.0	24.0	25.0	30.0	20.0	24.0	28.0	35.0	30.0	29.0	28.0	27.0	31.0	24.0	23.0	20.0	9.0	14.0	8.0	8.0	6.0	7.5	12.0	21.35
21	9.5	11.0	11.5	11.0	14.0	13.0	17.0	25.0	25.0	18.0	24.0	17.0	14.5	18.0	15.0	15.0	15.0	11.0	11.0	12.0	7.0	11.0	5.0	1.0	13.81
22	7.0	0.0	3.0	6.0	6.5	8.0	8.0	10.0	16.0	18.0	22.0	21.0	30.0	32.0	21.0	25.0	19.0	15.0	21.0	20.0	24.0	28.0	27.0	25.0	17.19
23	30.0	35.0	30.0	25.0	24.0	25.0	23.0	21.1	10.0	16.0	20.0	35.0	34.0	39.0	33.0	35.0	23.0	25.0	10.0	7.0	20.0	17.0	20.0	22.0	24.13
24	18.0	22.0	24.0	25.0	26.0	35.0	35.0	35.0	39.0	31.0	29.0	32.0	26.0	25.0	24.0	22.0	16.0	13.0	18.0	18.0	15.0	18.0	18.0	18.0	24.25
25	20.0	20.0	21.0	22.0	17.0	15.0	15.0	15.0	22.0	14.0	17.5	15.0	7.0	3.0	5.0	11.0	15.0	16.0	11.0	15.0	13.0	10.0	12.5	13.0	14.38
26	18.0	14.0	12.0	12.0	14.0	15.0	17.0	20.0	22.0	25.0	24.0	28.0	34.0	32.0	26.0	30.0	21.0	15.0	10.0	9.0	9.0	12.0	17.0	12.0	18.67
27	17.0	17.0	15.0	15.0	15.0	21.0	17.0	13.0	21.0	19.0	24.0	20.0	17.0	20.0	22.0	25.0	14.0	17.0	9.0	4.0	7.5	3.0	10.0	10.0	15.52
28	10.0	13.0	12.0	11.0	12.0	13.0	14.0	17.0	22.0	20.0	20.0	9.0	12.0	7.0	4.0	8.0	7.0	2.0	1.0	3.0	1.5	0.0	3.0	4.0	9.40
Mean	10.61	11.66	11.61	11.87	12.48	13.05	13.13	14.84	18.61	19.75	21.36	22.36	23.64	23.86	22.59	21.98	17.53	12.85	12.21	10.75	11.30	11.02	10.29	10.89	15.40

Wind Velocity (in kilometres per hour).

(Dines's Self-Registering Pressure Anemometer).

March, 1900.

DATE	HOURS OF OBSERVATION.																							
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt. MEAN
1	5.0	7.0	11.0	7.0	6.5	17.0	21.0	25.0	23.0	25.0	26.0	25.0	19.0	22.0	22.0	20.0	19.0	14.0	17.0	18.0	20.0	18.0	18.0	13.0 17.44
2	29.0	28.0	23.5	22.0	20.0	25.0	26.0	29.0	33.0	30.0	33.0	30.0	32.0	28.0	22.0	25.0	18.0	16.0	19.0	17.0	15.0	12.0	10.0	2.0 22.69
3	11.0	12.0	11.0	5.0	1.0	1.0	3.0	5.0	8.0	13.0	24.0	20.0	15.0	14.0	13.0	7.0	8.0	0.0	7.0	1.0	1.0	0.0	8.0	8.0 8.17
4	7.5	12.0	8.0	0.0	8.0	3.0	2.0	1.0	3.0	20.0	25.0	30.0	31.0	33.0	22.0	20.0	16.0	15.0	10.0	12.0	20.0	23.0	29.0	31.0 15.90
5	35.0	23.0	31.0	26.0	20.0	14.0	15.0	16.0	18.0	16.0	18.0	18.0	22.0	30.0	24.0	15.0	16.0	15.0	12.0	12.0	11.0	14.0	8.0	0.0 17.88
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	12.0	19.0	18.0	12.0	15.0	17.0	12.0	17.0	5.0	11.0	13.0	6.5	7.0 6.88
7	0.0	5.0	14.0	0.0	15.0	22.0	26.0	30.0	29.0	29.0	40.0	29.0	27.0	23.0	24.0	14.0	9.0	4.0	1.0	0.0	6.0	7.0	6.0	0.0 15.00
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.0	15.0	35.0	15.0	15.0	21.0	20.0	14.0	15.0	15.0	13.0	16.0	18.0	15.0	9.0 14.94
9	9.0	8.0	3.0	13.0	2.5	6.0	8.0	10.0	25.0	28.0	13.0	28.0	25.0	24.0	22.0	21.0	18.0	24.0	24.0	24.0	20.0	19.0	17.0	17.48
10	18.0	20.0	19.0	20.0	25.0	24.0	21.0	17.0	18.0	26.0	30.0	32.0	35.0	35.0	30.0	33.0	29.0	24.0	19.0	20.0	17.0	17.0	15.0	17.0 23.38
11	20.0	17.0	14.0	12.0	9.0	14.0	16.0	19.0	38.0	35.0	38.0	37.0	34.0	36.0	38.0	35.0	34.0	23.0	20.0	13.0	8.0	12.0	12.0	12.0 22.75
12	3.0	2.0	1.5	2.0	6.0	8.0	8.0	9.0	22.0	17.0	27.0	15.0	15.0	15.0	19.0	16.0	25.0	15.0	8.0	0.0	9.0	6.0	9.0	2.0 10.81
13	0.0	8.0	6.0	4.0	12.0	15.0	19.0	23.0	24.0	21.0	24.0	22.0	26.0	19.0	25.0	23.0	23.0	12.0	7.0	7.0	6.0	5.0	8.0	13.0 14.67
14	13.0	12.0	13.0	14.0	16.0	15.0	17.0	20.0	21.0	16.0	17.0	19.0	19.0	20.0	20.0	21.0	15.0	7.0	5.0	3.0	7.0	4.0	7.5	9.0 13.77
15	10.0	0.0	1.0	0.0	7.0	6.0	9.0	12.0	17.0	20.0	18.0	15.0	15.0	10.0	16.0	15.0	8.0	0.0	2.0	3.0	10.0	8.0	3.0	4.0 8.71
16	1.0	2.0	14.5	19.0	20.0	19.0	22.0	26.0	30.0	29.0	25.0	27.0	25.0	32.0	30.0	27.0	29.0	17.0	14.0	14.0	9.0	12.0	13.0	11.0 19.46
17	12.0	6.0	2.0	1.0	0.0	0.0	0.0	0.0	9.0	7.0	6.0	10.0	11.0	9.0	14.0	11.0	13.0	9.0	11.0	11.0	12.0	4.0	6.0	1.0 6.88
18	3.0	0.0	3.0	1.0	12.0	4.0	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	3.83
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	12.0	11.0	13.0	12.0	14.0	14.0	11.0	6.0	5.0	8.0	1.0	10.0	15.0	3.0 7.61
20	16.0	13.0	6.5	6.0	6.0	5.0	10.0	15.0	14.0	14.0	15.0	17.0	13.0	22.0	24.0	23.0	18.0	17.0	13.0	6.0	3.0	0.0	1.0	3.0 11.67
21	6.0	9.0	9.0	12.0	11.0	12.0	13.0	15.0	17.0	24.0	23.0	21.0	21.0	20.0	22.0	20.0	17.0	15.0	9.0	9.0	11.0	9.0	5.0	5.0 13.96
22	3.0	0.0	6.0	0.0	0.0	0.0	2.5	5.0	2.5	10.0	9.5	15.0	14.0	10.0	8.0	9.0	8.0	9.0	10.0	8.0	6.5	6.0	7.0	9.0 6.58
23	9.0	9.0	5.5	5.0	10.0	8.0	5.5	3.0	12.0	1.0	2.0	11.0	14.0	13.0	6.0	15.0	17.5	21.0	32.0	30.0	28.0	27.0	23.0	20.0 13.65
24	13.0	13.0	15.0	12.0	9.0	8.0	14.0	20.0	24.0	18.0	19.0	10.0	11.0	10.0	7.0	15.0	13.0	7.0	6.0	11.0	28.0	18.0	12.5	9.0 13.27
25	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.5	5.0	5.5	8.0	13.0	10.0	8.0	10.0	8.5	7.0	6.0	7.0	6.0	3.0	4.0	3.0 4.88
26	6.0	8.0	6.0	0.0	1.0	5.0	11.0	25.0	17.0	33.0	30.0	39.5	42.0	35.0	20.0	23.0	17.0	35.0	9.0	7.0	11.5	15.6	13.0	3.5 17.21
27	0.0	0.0	0.0	18.0	10.0	0.0	0.0	0.0	6.5	12.0	17.0	18.0	15.0	16.0	15.0	15.0	11.0	15.0	25.0	22.0	24.0	18.0	13.0	15.0 11.90
28	13.0	14.0	7.0	10.0	11.5	0.0	0.0	0.0	0.0	15.0	15.0	15.0	17.0	11.0	14.0	12.5	8.0	11.0	6.0	7.0	10.0	24.0	27.0	26.0 12.08
29	13.0	10.0	16.0	10.0	1.0	0.0	0.0	0.0	5.0	0.0	6.0	11.0	8.0	9.0	8.0	14.0	9.0	4.0	0.0	0.0	12.0	0.0	10.0	0.0 6.00
30	4.0	0.0	4.5	20.0	21.0	35.0	35.0	38.0	37.0	35.0	32.0	39.0	37.0	30.0	27.0	32.0	22.0	12.0	9.0	12.0	12.0	8.0	0.0	30.0 22.23
31	1.5	10.0	9.0	0.0	0.0	15.0	18.0	22.0	27.0	32.0	23.0	33.0	31.0	30.0	26.0	23.0	26.0	30.0	30.0	33.0	31.0	42.0	28.0	27.0 22.81
Mean	8.70	8.27	8.67	7.97	8.70	9.37	10.73	12.83	16.57	17.80	19.62	21.82	21.03	20.50	19.12	18.67	16.77	13.33	12.30	11.20	13.20	12.55	11.68	9.98 13.81

Wind Velocity (in kilometres per hour).

(Dines's Self-Registering Pressure Anemometer).

April, 1900.

HOURS OF OBSERVATION.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN.
1	25.0	20.0	14.0	8.0	0.0	0.0	6.0	12.0	13.0	10.0	9.0	7.0	7.0	9.5	19.0	15.0	29.0	27.0	15.0	2.5	11.0	12.5	0.0	10.0	11.73
2	1.0	6.0	15.0	20.0	21.0	12.0	11.0	10.0	13.0	15.0	14.0	17.0	14.0	17.0	26.0	14.0	24.0	13.0	20.0	5.0	11.0	12.0	11.0	8.0	13.75
3	12.0	7.0	10.0	12.0	22.0	16.0	15.0	15.0	22.0	22.0	25.0	22.0	22.0	22.0	27.0	22.0	23.0	22.0	23.0	26.0	25.0	22.0	19.0	17.0	19.58
4	21.0	21.0	21.0	20.0	18.0	22.0	30.0	37.7	44.0	50.0	46.0	50.0	44.0	48.0	43.0	48.0	42.0	46.0	41.0	35.5	32.0	39.3	34.0	35.0	36.19
5	34.0	35.0	34.0	35.0	30.0	40.0	34.0	28.0	35.0	32.0	35.0	29.0	30.0	28.0	30.0	32.0	25.0	24.0	25.0	19.0	20.0	25.0	23.0	12.0	28.92
6	10.0	22.0	13.0	11.0	13.0	11.0	11.0	25.0	24.0	29.0	20.0	29.0	16.0	20.0	24.0	50.0	37.0	42.0	22.0	8.0	15.0	13.0	13.0	12.0	20.42
7	13.0	11.0	8.0	14.0	11.0	9.0	21.0	23.0	21.0	20.0	19.0	12.0	11.0	8.0	13.0	6.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	5.0	9.71
8	5.0	16.0	17.0	32.0	40.0	33.0	26.0	28.0	37.0	32.0	27.0	23.0	22.0	26.0	27.0	23.0	24.0	18.0	17.0	18.0	18.0	16.0	15.0	15.0	23.12
9	17.0	10.0	14.0	13.0	15.0	17.0	27.0	39.0	35.0	35.0	30.0	35.0	30.0	30.0	30.0	25.0	29.0	25.0	26.0	30.0	27.0	25.0	17.0	12.0	24.71
10	9.0	12.0	0.0	5.0	10.0	5.0	2.0	1.0	3.0	12.0	13.0	15.0	20.0	24.0	22.0	25.0	19.0	17.0	18.0	27.0	20.0	21.0	10.0	12.0	13.42
11	6.0	2.0	1.0	0.5	1.0	1.0	1.0	5.0	15.0	12.0	17.0	17.0	18.0	15.0	15.0	22.0	15.0	7.0	5.0	18.0	20.0	20.0	22.0	10.0	11.06
12	18.0	12.0	12.0	0.0	0.0	0.0	0.0	0.0	12.0	20.0	15.0	7.0	12.0	10.0	12.0	13.0	11.0	12.0	5.0	18.0	22.0	23.0	18.0	8.0	10.83
13	13.0	0.0	5.0	6.0	2.0	0.0	8.0	28.0	25.0	27.0	23.0	20.0	20.0	14.0	23.0	23.0	25.0	25.0	16.0	16.0	13.0	10.0	8.0	6.0	14.83
14	4.0	4.0	1.0	0.5	0.5	0.5	0.5	13.0	13.0	17.0	18.0	22.0	22.0	16.0	26.0	16.0	17.0	17.0	19.0	20.0	13.0	12.0	6.0	2.5	11.69
15	3.0	3.0	3.0	0.0	0.0	0.0	0.0	13.0	12.0	21.0	15.0	15.0	23.0	29.0	20.0	15.0	19.0	23.0	25.0	25.0	24.0	20.0	18.0	15.0	14.21
16	13.0	18.0	8.0	8.0	10.0	12.0	10.0	15.0	15.0	28.0	18.0	20.0	23.0	19.0	26.0	26.0	28.0	25.0	14.0	11.0	6.0	6.0	1.0	0.5	15.02
17	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	14.0	4.0	8.0	9.0	15.0	12.0	17.0	13.0	16.0	16.0	20.0	13.0	11.0	8.0	1.5	0.0	7.52
18	1.5	0.0	0.0	1.0	0.0	0.0	7.0	14.0	13.0	8.0	17.0	18.0	12.0	12.0	22.0	25.0	23.0	15.0	19.0	22.0	13.0	16.0	13.0	13.0	11.85
19	6.0	0.0	5.0	6.0	0.5	6.0	6.0	20.0	23.0	19.0	22.0	20.0	22.0	24.0	28.0	27.0	33.0	31.0	32.0	29.0	27.0	16.0	19.0	13.0	18.10
20	12.0	7.0	9.0	9.0	6.0	0.5	20.0	22.0	30.0	25.0	24.0	23.0	25.0	28.0	28.0	30.0	29.0	26.0	23.0	14.0	22.0	15.0	17.0	12.0	19.02
21	13.0	12.0	8.0	7.5	6.0	7.0	13.5	30.0	24.0	22.0	28.0	37.0	25.0	30.0	30.0	33.0	28.0	20.0	24.0	25.0	22.0	28.0	22.0	17.0	21.33
22	14.0	13.0	10.0	5.0	1.0	4.0	14.0	20.0	24.0	24.0	25.0	25.0	20.0	13.0	25.0	17.0	17.0	13.0	14.0	11.0	8.0	8.0	7.0	6.0	14.08
23	8.0	7.0	2.0	0.0	1.0	4.0	2.0	0.0	9.0	18.0	12.0	6.0	6.0	0.0	0.5	5.0	4.0	5.0	1.5	5.0	7.0	12.0	0.0	6.0	5.04
24	0.0	0.0	7.0	5.0	10.0	5.0	3.0	7.0	26.0	25.0	15.0	22.0	31.0	22.0	28.0	18.0	25.0	8.0	7.0	3.0	0.0	0.0	0.0	3.0	11.25
25	6.0	0.0	0.0	0.0	2.0	13.0	16.0	23.0	19.0	11.0	23.0	21.0	28.0	16.0	23.0	26.0	16.0	25.0	18.0	6.0	0.0	8.0	6.0	10.0	13.17
26	15.0	7.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	11.0	9.0	10.0	9.0	7.0	8.0	4.0	4.0	12.0	13.0	9.0	6.0	14.0	5.88
27	7.0	6.0	3.0	0.0	2.0	0.0	0.0	0.0	3.5	5.0	14.0	20.0	8.0	15.0	11.0	15.0	17.0	20.0	13.0	16.0	10.0	23.0	17.0	0.0	9.40
28	22.0	22.0	12.0	11.0	8.0	0.0	3.0	6.0	10.0	7.0	4.0	9.0	6.0	15.0	12.0	12.0	7.0	5.0	10.0	26.0	16.0	12.0	9.0	4.0	10.33
29	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	4.0	8.0	2.0	7.5	18.0	12.0	10.0	3.0	8.0	2.5	3.0	2.0	6.0	7.0	8.0	0.0	4.46
30	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	9.0	6.0	11.0	2.0	6.0	10.0	14.0	15.0	9.0	9.0	8.0	7.0	18.0	5.0	0.0	0.0	5.38
Mean	10.30	9.12	7.75	7.67	7.68	7.28	9.63	14.02	18.25	18.80	18.40	19.02	18.83	18.48	21.35	20.70	20.27	18.12	16.28	15.70	15.03	14.83	11.42	9.27	14.53

Wind Velocity (in Kilometres per Hour).
(Dines's Self-Registering Pressure Anemometer).

May, 1900.

DATE	HOURS OF OBSERVATION.																								Mdnt	MEAN
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23			
1	5.0	9.0	8.0	2.0	0.0	0.0	0.0	0.0	0.0	5.0	5.8	0.0	10.0	6.0	15.0	15.0	12.0	6.0	0.0	10.5	5.5	24.0	11.0	13.5	6.80	
2	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	17.0	16.0	15.0	12.0	22.0	13.0	12.5	11.0	16.0	14.0	22.0	17.0	15.0	11.0	6.0	9.83	
3	17.0	20.0	13.0	12.0	9.0	0.0	7.0	18.0	33.0	34.0	33.0	25.0	30.0	20.0	30.0	28.0	25.0	30.0	32.0	26.0	25.0	20.0	20.0	24.0	22.12	
4	16.0	30.0	16.0	17.0	8.0	5.0	0.0	5.5	15.0	20.5	2.0	11.5	18.0	18.5	12.0	20.4	21.0	16.5	15.5	20.5	21.5	16.0	3.5	17.0	14.45	
5	1.5	5.5	2.5	0.0	0.0	0.0	21.0	4.0	20.0	13.0	22.0	23.0	31.0	33.0	28.0	15.0	18.0	17.0	12.0	12.0	8.0	4.0	0.0	0.0	12.10	
6	0.0	0.0	0.0	0.0	0.0	0.0	5.0	13.0	6.0	20.0	10.0	5.0	15.0	25.0	35.0	25.0	15.0	21.0	13.0	19.0	10.0	3.0	0.0	0.0	10.00	
7	0.0	0.0	0.0	0.0	0.0	3.0	6.0	16.0	12.0	15.0	25.0	30.0	15.0	15.0	25.0	20.0	20.0	23.0	15.0	10.0	2.0	0.0	0.0	0.0	11.17	
8	0.0	0.0	0.0	0.0	0.0	4.0	2.5	5.0	4.0	15.0	6.0	9.0	14.0	18.0	17.0	12.0	13.0	20.5	8.0	8.0	0.0	2.0	4.0	0.0	6.75	
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	0.0	10.0	0.0	0.0	13.0	22.0	24.0	19.0	12.0	16.0	7.0	27.0	24.0	16.0	15.0	12.0	9.38	
10	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	11.0	10.0	12.0	13.0	15.0	16.0	5.0	18.0	13.0	6.0	0.0	16.0	15.0	13.0	8.0	16.0	8.13	
11	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	2.0	5.0	7.5	20.0	10.0	5.0	8.0	6.0	7.0	6.0	25.0	12.5	21.0	13.0	10.0	6.71	
12	18.0	0.0	4.0	5.0	0.0	12.0	3.0	20.0	20.0	35.0	30.0	33.0	28.0	33.0	36.0	36.0	36.0	22.0	30.0	26.0	7.0	15.0	10.0	3.0	19.25	
13	7.0	0.0	0.0	5.0	0.0	0.0	10.0	13.0	14.0	22.0	15.0	6.0	9.0	26.0	5.0	11.0	16.0	13.0	12.0	7.0	2.0	5.0	9.0	2.0	8.71	
14	0.0	0.0	0.0	0.0	10.0	7.0	4.0	9.0	17.0	8.0	12.0	10.5	7.5	15.0	14.0	16.0	12.0	15.0	32.0	22.0	17.0	18.0	19.0	19.0	11.83	
15	13.0	8.0	2.0	5.0	8.0	4.0	30.0	31.0	25.0	34.0	26.0	13.0	25.0	20.0	22.0	15.0	24.0	25.0	24.0	23.0	20.0	21.0	16.0	12.0	18.58	
16	14.0	8.0	9.0	16.0	6.0	11.0	22.0	18.0	22.0	7.0	30.0	18.0	18.0	18.0	4.0	7.0	17.0	10.0	8.0	13.0	17.0	15.0	13.0	7.0	13.67	
17	6.0	8.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	6.0	14.0	13.0	17.0	14.0	17.0	19.0	11.0	2.0	4.0	0.0	4.0	0.0	0.0	0.0	5.87	
18	0.0	0.0	8.0	11.0	5.0	0.0	9.0	5.0	10.0	11.0	3.0	0.0	12.0	15.0	10.0	11.0	18.0	35.0	15.0	17.0	14.0	26.0	13.0	0.0	10.33	
19	3.0	3.0	11.0	14.0	16.0	16.0	16.0	16.5	10.0	17.0	19.0	16.5	25.0	16.0	25.0	30.5	21.0	28.0	15.0	12.0	6.0	0.0	0.0	0.0	14.02	
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	7.0	15.0	7.0	7.0	7.0	12.0	13.0	15.0	13.0	13.0	7.5	7.0	2.0	5.44	
21	0.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	11.0	12.0	0.0	20.0	0.0	26.0	21.0	25.0	19.0	16.0	17.0	22.0	15.0	17.0	0.0	0.0	9.71	
22	6.0	0.5	0.5	0.5	0.5	0.5	12.0	15.0	25.0	25.0	20.0	25.0	26.0	24.0	25.0	23.0	30.0	27.0	27.0	23.0	21.0	15.0	11.0	0.0	15.94	
23	3.0	6.0	7.0	15.0	0.0	5.0	22.0	32.0	27.0	26.0	25.0	33.0	32.0	31.0	31.0	28.0	28.0	34.0	25.0	22.0	14.0	15.0	1.0	0.0	10.25	
24	5.0	0.0	0.0	6.0	0.0	0.0	0.7	12.5	18.0	17.0	13.0	15.0	17.0	22.0	17.0	13.0	22.0	20.0	14.0	16.0	15.0	10.0	0.0	0.0	10.55	
25	0.0	0.0	0.0	0.0	0.0	1.0	9.0	10.0	6.0	2.0	4.0	13.0	16.0	16.0	15.0	25.0	24.0	25.0	24.0	17.0	14.0	8.0	2.0	2.0	9.71	
26	2.0	2.0	2.0	2.0	2.0	2.0	1.0	7.0	1.0	1.0	7.0	1.0	8.0	5.0	1.0	1.0	9.0	8.0	1.0	1.0	15.0	10.0	10.0	11.0	4.58	
27	12.5	10.0	7.0	1.0	1.0	1.0	0.0	15.0	10.0	6.0	0.0	0.0	0.0	3.0	4.0	1.0	0.0	0.0	0.0	0.0	12.0	2.0	10.0	7.0	4.27	
28	20.0	15.0	12.0	5.0	1.0	7.0	6.0	12.0	3.0	18.0	16.0	17.0	6.0	14.0	12.0	24.0	19.0	15.0	9.0	6.0	4.0	6.0	0.0	0.0	10.29	
29	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	6.0	4.0	0.0	2.5	2.0	19.0	10.0	2.0	10.0	5.0	7.0	1.5	0.0	0.0	3.12	
30	0.0	0.0	0.0	0.0	0.0	5.0	0.0	16.0	33.0	15.0	15.0	23.0	7.0	15.0	4.0	14.0	14.0	11.0	5.0	0.0	0.0	11.0	5.0	8.0	8.37	
31	5.0	6.0	7.0	0.0	0.0	0.0	1.0	15.0	18.0	17.0	22.0	29.0	31.0	26.0	24.0	25.0	27.0	30.0	17.0	16.0	12.0	11.0	5.0	7.0	14.62	
Mean	5.47	4.23	3.52	3.76	2.23	2.98	6.20	10.63	12.35	14.37	13.35	14.06	15.89	17.87	16.29	17.53	17.26	17.10	13.76	14.74	11.92	11.23	6.97	5.76	10.82	

Wind Velocity (in kilometres per hour):
(Dines's Self-Registering Pressure Anemometer).

June, 1900.

DATE	HOURS OF OBSERVATION.																									
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	25.0	15.0	22.0	20.0	12.0	20.0	25.0	22.0	12.0	15.0	20.0	20.0	0.0	10.21	
2	0.0	0.0	0.0	0.0	0.0	0.0	1.0	8.0	7.0	2.0	8.0	20.0	18.0	11.0	21.0	23.0	25.0	22.0	18.0	24.0	14.0	12.0	11.0	10.0	10.62	
3	14.0	3.0	0.0	0.0	0.0	0.0	0.7	0.7	3.0	5.5	6.0	3.0	7.0	11.0	16.0	12.0	4.0	3.0	0.5	12.0	15.0	11.0	16.0	10.0	6.39	
4	7.0	2.5	2.5	0.7	0.7	0.7	12.0	7.0	14.0	22.5	20.0	18.0	15.0	23.0	16.0	20.0	20.0	15.0	18.0	0.5	18.0	17.0	17.0	17.0	12.67	
5	11.0	7.0	12.0	18.0	20.0	15.0	31.0	24.0	25.0	22.0	15.0	22.0	23.0	25.0	25.0	24.0	31.0	32.0	34.0	30.0	19.0	17.0	18.0	12.0	21.33	
6	11.0	7.0	15.0	15.0	17.0	16.0	25.0	27.0	22.5	32.0	28.0	23.0	12.5	18.0	23.0	18.0	22.0	22.0	17.0	15.0	22.5	13.0	9.0	1.0	17.98	
7	12.0	6.0	7.0	8.0	9.0	3.0	18.0	14.0	20.0	26.0	30.0	28.0	34.0	33.0	20.0	25.0	31.0	22.0	21.0	20.0	14.0	10.0	5.0	7.0	17.62	
8	7.0	6.0	15.0	15.0	15.0	15.0	21.0	31.0	16.0	22.0	31.0	25.0	18.0	27.0	14.0	17.0	21.0	37.0	30.0	35.0	29.0	22.0	17.0	16.0	20.92	
9	7.0	1.0	0.0	0.0	0.0	0.0	14.0	16.0	21.0	24.0	23.0	27.0	23.0	32.0	26.0	33.0	35.0	23.0	26.0	21.0	26.0	18.0	18.0	23.0	18.21	
10	20.0	18.0	15.0	15.0	18.0	20.0	31.0	40.0	40.0	46.0	45.0	32.0	51.0	35.0	42.0	45.0	38.0	45.0	40.0	30.0	27.0	30.0	35.0	32.0	32.92	
11	34.0	26.0	15.0	13.0	15.0	16.0	25.0	35.0	36.0	44.0	46.0	37.0	44.0	40.0	38.0	39.0	40.0	45.0	39.0	43.0	28.0	18.0	17.0	21.0	31.42	
12	18.0	16.0	17.0	19.0	7.0	14.0	30.0	31.0	31.0	24.0	22.0	27.0	36.0	38.0	25.0	30.0	36.0	37.0	30.0	34.0	35.0	30.0	20.0	11.0	25.75	
13	13.0	8.0	10.0	9.0	8.0	3.0	18.0	17.0	19.0	22.0	32.0	22.0	17.0	17.0	25.0	27.0	22.0	21.0	19.0	17.0	13.0	17.0	9.0	6.0	16.29	
14	4.0	1.0	1.0	1.0	1.0	1.0	10.0	15.0	18.0	12.0	19.0	7.0	7.0	11.0	26.0	25.0	23.0	22.0	25.0	20.0	10.0	14.0	5.0	0.0	11.58	
15	0.0	0.0	0.0	0.0	0.0	0.0	11.0	20.0	18.0	21.0	16.0	20.0	15.0	31.0	29.0	24.0	26.0	23.0	18.0	20.0	14.0	7.0	1.0	1.0	13.37	
16	1.0	1.0	1.0	1.0	1.0	2.0	10.0	15.0	16.0	20.0	17.0	21.0	17.0	6.0	10.0	18.0	20.0	20.0	22.0	20.0	12.0	15.0	12.0	2.0	11.67	
17	0.0	0.0	0.0	0.0	0.0	3.0	18.0	12.0	22.0	24.0	21.0	11.0	26.0	22.0	25.0	22.0	26.0	24.0	28.0	31.0	24.0	23.0	21.0	16.0	16.62	
18	8.0	6.0	6.0	6.0	6.0	6.0	17.0	13.0	12.0	25.0	19.0	17.0	15.0	25.0	22.0	25.0	22.0	27.0	18.0	17.0	20.0	18.0	7.0	6.0	15.12	
19	1.0	1.0	1.0	1.0	1.0	1.0	5.0	22.0	20.0	25.0	22.0	22.0	14.0	27.0	18.0	27.0	28.0	32.0	28.0	20.0	19.0	10.0	7.0	6.0	14.92	
20	10.0	10.0	6.0	6.0	6.0	6.0	18.0	10.0	11.0	20.0	20.0	18.0	25.0	33.0	10.0	15.0	26.0	25.0	29.0	17.0	7.0	12.0	6.0	0.0	14.42	
21	0.0	0.0	0.0	3.0	2.0	2.0	15.0	17.0	20.0	25.0	40.0	32.0	32.0	40.0	28.0	30.0	32.0	26.0	18.0	25.0	23.0	20.0	12.0	6.0	18.67	
22	5.0	7.0	6.0	7.0	8.0	7.0	17.0	26.0	23.0	20.0	26.0	25.0	27.0	33.0	25.0	33.0	25.0	29.0	25.0	23.0	27.0	20.0	10.0	8.0	19.25	
23	6.0	4.0	7.0	1.0	0.5	6.0	15.0	15.0	16.0	13.0	13.0	15.0	18.0	15.0	14.0	10.0	13.0	9.0	18.0	17.0	12.0	10.0	10.0	7.0	11.02	
24	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	8.0	13.0	11.0	21.0	7.0	12.0	26.0	15.0	22.0	20.0	10.0	16.0	14.0	12.0	2.0	7.0	9.42	
25	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	3.0	3.0	5.0	4.0	9.0	12.0	9.0	16.0	20.0	18.0	13.0	9.0	3.0	2.0	5.29	
26	1.0	1.0	1.0	1.0	1.0	4.0	8.0	5.0	1.0	2.0	14.0	11.0	20.0	22.0	18.0	25.0	22.0	17.0	15.0	25.0	21.0	12.0	15.0	6.0	11.27	
27	7.0	6.0	1.0	1.0	10.0	7.0	2.0	3.0	0.0	7.0	10.0	6.0	0.0	15.0	10.0	5.0	15.0	20.0	12.0	13.0	4.0	2.0	0.0	0.0	6.50	
28	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0	2.0	7.0	15.0	16.0	17.0	21.0	17.0	12.0	20.0	22.0	10.0	3.0	3.0	0.0	0.0	0.0	7.12	
29	0.0	0.0	0.0	0.0	0.0	0.0	7.0	18.0	7.0	6.0	14.0	17.0	12.0	7.0	20.0	25.0	20.0	18.0	20.0	13.0	8.0	0.0	0.0	0.0	8.83	
30	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	3.0	7.5	8.0	15.0	6.0	12.0	15.0	13.0	19.0	17.0	17.0	15.0	7.0	10.0	7.5	7.0	7.67	
Mean	6.73	4.62	4.65	4.72	4.91	4.99	12.89	14.96	15.05	18.15	20.30	19.55	19.22	22.27	21.10	22.03	23.77	23.87	21.58	20.22	17.12	14.30	11.02	8.00	14.84	

Wind Velocity (in kilometres per hour).

(Dines's Self-Registering Pressure Anemometer).

July, 1900.

DATE	HOURS OF OBSERVATION.																									
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	0.0	0.0	0.0	0.0	0.0	0.0	1.0	6.0	7.0	18.0	21.0	20.0	33.0	30.0	31.0	29.0	21.0	24.0	20.0	36.0	12.0	3.0	0.0	0.0	13.00	
2	0.0	0.0	0.0	0.0	0.0	0.0	2.0	10.0	7.0	12.0	15.0	10.0	22.0	17.0	16.0	24.0	27.0	29.0	22.0	20.0	7.0	7.0	9.0	7.0	10.96	
3	5.0	3.0	1.0	1.0	1.0	1.0	0.0	7.0	8.0	9.0	12.0	9.0	9.0	13.0	13.0	0.0	13.0	17.0	18.0	12.0	17.0	11.0	0.0	0.0	7.50	
4	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	4.0	2.0	6.0	1.0	7.0	12.0	12.0	18.0	14.0	12.0	13.0	21.0	20.0	24.0	10.0	1.0	7.62	
5	1.0	0.0	1.0	0.0	0.0	0.0	12.0	7.0	15.0	22.0	14.0	25.0	22.0	27.0	17.0	23.0	31.0	32.0	14.0	16.0	8.0	0.0	0.0	0.0	11.96	
6	0.0	0.0	9.0	1.0	0.0	0.0	7.0	7.0	5.0	7.0	12.0	14.0	10.0	15.0	20.0	9.0	12.0	12.0	3.0	17.0	12.0	7.0	5.0	3.0	7.79	
7	0.0	0.0	0.0	0.0	0.0	1.0	7.0	0.0	14.0	4.0	7.0	4.0	20.0	23.0	22.0	23.0	19.0	20.0	26.0	24.0	19.0	21.0	3.0	5.0	10.92	
8	2.0	1.0	0.0	0.0	0.0	0.0	6.0	10.0	15.0	7.0	22.0	20.0	25.0	15.0	22.0	17.0	27.0	17.0	35.0	28.0	18.0	11.0	7.0	0.0	12.71	
9	0.0	0.0	0.0	0.0	0.0	0.0	11.0	13.0	15.0	3.0	13.0	18.0	17.0	10.0	11.0	17.0	20.0	18.0	17.0	15.0	21.0	17.0	8.0	5.0	10.38	
10	8.0	12.0	10.0	2.0	2.0	0.5	6.0	16.0	18.0	21.0	17.0	17.0	22.0	23.0	18.0	21.0	25.0	21.0	21.0	18.0	21.0	14.0	2.0	0.0	13.98	
11	0.0	0.0	0.0	0.0	0.0	0.0	1.5	5.0	12.0	1.5	11.0	4.0	13.0	12.0	15.0	17.0	7.0	15.0	12.0	17.0	15.0	9.0	4.0	3.0	7.25	
12	0.5	0.5	0.5	0.5	0.5	0.5	1.0	7.0	8.0	5.0	2.0	17.0	8.0	18.0	6.0	12.0	15.0	13.0	11.0	28.0	18.0	24.0	26.0	20.0	10.08	
13	9.0	16.0	11.0	5.0	1.0	7.0	12.0	9.0	11.0	13.0	7.0	14.0	13.0	18.0	15.0	12.0	18.0	18.0	14.0	19.0	11.0	12.0	7.0	2.0	11.42	
14	1.0	1.0	1.0	1.0	1.0	1.0	1.0	11.0	12.0	23.0	6.0	16.0	23.0	22.0	23.0	21.0	22.0	26.0	25.0	27.0	21.0	15.0	13.0	3.0	13.17	
15	6.0	2.0	1.0	1.0	1.0	1.0	1.5	7.5	4.0	9.0	12.5	10.0	19.0	18.0	24.0	20.0	25.0	29.0	15.0	12.0	8.0	10.0	5.0	1.0	10.10	
16	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	7.0	10.0	18.0	15.0	19.0	25.0	15.0	11.0	17.0	16.0	14.0	1.0	7.0	1.0	1.0	7.75	
17	1.0	1.0	1.0	1.0	1.0	1.0	1.0	4.0	8.0	4.0	10.0	11.0	15.0	18.0	15.0	18.0	21.0	17.0	17.0	13.0	11.0	4.0	2.0	1.0	8.17	
18	1.0	1.0	1.0	1.0	1.0	1.0	1.0	15.0	21.0	2.0	10.0	12.0	17.0	18.0	14.0	8.0	15.0	21.0	18.0	12.0	17.0	12.0	13.0	3.0	9.79	
19	2.0	2.0	5.0	2.0	2.0	2.0	1.0	6.0	8.0	6.0	8.0	6.0	1.0	9.0	15.0	18.0	18.0	28.0	16.0	23.0	13.0	14.0	10.0	14.0	9.54	
20	5.0	1.0	2.0	1.0	1.0	1.0	5.0	6.0	7.0	17.0	18.0	7.0	4.0	25.0	20.0	6.0	20.0	18.0	7.0	23.0	10.0	12.0	0.0	0.0	9.00	
21	0.0	6.0	0.0	0.0	0.0	0.0	0.5	6.0	7.0	8.0	12.0	17.0	0.0	8.0	11.0	7.0	0.0	2.5	0.0	9.0	9.0	7.0	3.0	6.0	4.97	
22	2.5	0.0	0.0	0.0	0.0	0.0	1.0	7.0	7.0	7.0	2.0	5.0	6.0	11.0	4.0	2.0	4.0	8.0	0.0	24.0	14.0	8.0	0.0	0.0	4.69	
23	0.0	0.0	0.5	0.0	0.0	0.0	8.0	7.0	4.0	0.0	4.0	16.0	6.0	17.0	8.0	2.0	13.0	18.0	21.0	7.5	5.0	7.5	1.0	0.0	6.06	
24	0.0	0.0	0.0	0.0	0.0	0.0	1.0	5.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	30.0	18.0	11.0	8.0	20.0	15.0	12.0	5.0	0.0	8.13	
25	2.0	0.0	0.0	0.0	0.0	0.0	0.7	2.5	0.5	0.5	4.0	0.5	18.0	14.0	12.0	17.0	17.0	10.0	17.5	7.0	3.0	0.0	0.0	0.0	5.25	
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	12.0	10.0	12.0	15.0	32.0	38.0	22.0	19.0	21.0	20.0	20.0	15.0	8.0	0.0	0.0	7.0	10.71	
27	0.0	5.0	0.0	5.0	13.0	7.0	8.0	9.0	8.0	11.0	13.0	15.0	13.0	4.0	18.0	12.5	16.0	16.0	12.0	14.0	14.0	8.0	5.0	0.0	9.44	
28	0.0	0.0	0.0	8.0	10.0	5.0	12.0	15.0	11.0	15.0	5.0	19.0	18.0	15.0	18.0	22.0	20.0	18.0	25.0	15.0	19.0	11.0	3.0	8.0	12.17	
29	7.0	6.0	1.0	12.0	7.0	1.0	3.0	5.0	3.0	5.0	8.0	10.0	17.0	10.0	15.0	13.0	17.0	10.0	3.0	20.0	15.0	8.0	6.0	6.0	8.67	
30	0.0	0.0	0.0	0.0	0.0	0.0	5.0	2.0	3.0	4.0	5.0	8.0	10.0	10.0	10.0	5.0	5.0	5.0	7.0	16.0	7.0	0.0	0.0	0.0	4.25	
31	0.5	0.5	0.5	0.5	0.5	1.0	1.0	1.0	1.0	10.0	12.0	15.0	12.0	20.0	23.0	22.0	18.0	10.0	6.0	0.5	0.5	0.5	0.5	0.5	6.54	
Mean	1.76	1.90	1.50	1.39	1.39	1.02	3.92	6.97	8.59	8.81	10.34	12.37	14.74	16.74	16.29	15.47	17.10	17.18	14.82	17.52	12.56	9.55	4.79	3.11	9.16	

Wind Velocity (in kilometres per hour).

Dines's Self-Registering Pressure Anemometer.

August, 1900.

HOURS OF OBSERVATION.

DATE	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	0.5	0.5	0.5	0.5	0.5	0.5	0.0	5.0	5.0	7.0	7.0	9.0	10.0	10.0	10.0	10.0	8.0	6.0	4.0	5.0	0.0	4.0	0.0	0.0	4.29
2	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	3.0	3.0	17.0	17.0	10.0	13.0	12.0	6.0	8.0	13.0	7.0	0.5	2.5	0.5	4.77
3	0.5	0.5	0.5	0.7	0.7	1.0	5.0	3.0	3.0	2.0	4.0	10.0	15.0	20.0	20.0	20.0	18.0	20.0	20.0	8.0	4.0	7.0	4.0	3.0	7.91
4	0.0	0.0	0.0	0.0	0.5	0.5	0.5	0.5	0.5	8.0	10.0	12.0	10.0	15.0	17.0	16.0	16.0	0.5	18.0	7.0	10.0	11.0	17.0	11.0	7.54
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	4.0	6.0	12.0	20.0	20.0	20.0	20.0	20.0	15.0	11.0	1.0	1.0	11.0	8.0	13.0	8.0	8.00
6	8.0	7.0	4.0	1.0	1.0	1.0	0.0	0.0	13.0	15.0	15.0	15.0	14.0	12.0	16.0	13.0	16.0	16.0	16.0	5.0	6.0	6.0	7.0	6.0	8.88
7	0.0	0.0	6.0	0.0	0.0	0.0	0.5	6.0	5.0	7.5	8.0	10.0	13.0	13.0	13.0	15.0	15.0	12.0	13.0	14.0	7.0	6.0	0.0	0.0	6.83
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	0.0	7.0	10.0	11.0	13.0	18.0	15.0	15.0	13.0	15.0	18.0	15.0	6.0	4.0	5.0	0.0	7.08
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	5.0	6.0	10.0	10.0	10.0	9.0	8.0	10.0	15.0	10.0	13.0	8.0	0.0	1.0	1.0	5.13
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	8.0	7.0	12.0	7.0	12.0	14.0	12.0	12.0	13.0	0.0	15.0	8.0	4.0	0.0	0.0	5.38
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	5.0	5.0	7.0	10.0	10.0	10.0	9.0	9.0	8.0	6.0	10.0	7.0	4.0	4.0	0.0	4.58
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	0.0	2.5	3.0	8.0	5.0	12.0	10.0	5.0	6.0	7.5	7.0	0.0	6.0	0.0	0.0	5.0	3.38
13	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	3.0	6.0	6.0	8.0	8.0	8.0	10.0	10.0	14.0	6.0	18.0	12.5	14.5	0.5	6.5	0.0	5.50
14	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	11.0	14.0	4.0	19.0	18.0	20.0	17.0	21.0	20.0	15.0	10.0	4.0	1.5	1.5	1.5	1.5	7.54
15	1.5	1.5	1.5	1.5	1.5	1.5	0.0	3.0	5.0	10.0	15.0	20.0	23.0	26.0	30.0	32.0	26.0	20.0	10.0	8.0	5.0	0.0	0.5	0.0	10.10
16	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.0	16.0	17.0	16.0	16.0	17.0	17.5	17.0	16.0	15.0	19.0	19.0	11.0	7.0	3.0	0.0	0.0	8.94
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	14.0	11.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	14.0	10.0	5.0	0.0	0.0	0.0	0.0	5.50
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	8.0	14.0	6.0	17.0	16.0	18.0	16.0	16.0	8.0	16.0	11.0	8.0	0.0	8.0	1.0	7.00
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	7.0	9.0	6.0	10.0	15.0	10.0	15.0	15.0	16.0	15.0	10.0	9.0	9.0	0.5	0.5	0.5	6.35
20	0.5	0.5	0.5	0.5	0.5	0.5	1.0	6.0	15.0	15.0	16.0	17.0	15.0	18.0	20.0	23.0	23.0	18.0	12.0	7.0	2.0	1.0	1.0	1.0	8.93
21	1.0	1.0	1.0	1.0	1.0	1.0	0.0	0.0	4.0	3.0	5.0	6.0	7.0	10.0	10.0	12.0	10.0	8.0	4.0	0.0	0.0	7.0	20.0	5.0	4.88
22	5.0	2.0	5.0	1.0	1.0	1.0	2.0	4.0	8.0	11.0	13.0	15.0	16.0	17.0	18.0	16.0	20.0	18.0	11.0	8.0	12.0	6.0	4.0	0.0	8.93
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	9.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	8.0	8.0	5.0	20.0	8.0	5.0	0.0	0.0	5.92
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	7.0	6.0	5.0	7.0	6.0	14.0	11.0	8.0	9.0	6.0	1.0	0.0	7.0	9.0	6.0	0.0	4.54
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	5.0	6.0	8.0	7.0	6.0	10.0	7.0	0.0	0.0	12.0	8.0	0.0	0.0	0.0	3.25
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	4.0	7.0	11.0	11.0	10.0	13.0	13.0	17.0	20.0	14.0	6.0	0.0	0.0	0.0	0.0	3.0	5.42
27	0.0	0.0	0.0	0.0	0.0	0.0	4.0	6.0	7.0	7.0	9.0	10.0	10.0	10.0	10.0	14.0	12.0	10.0	6.0	6.0	0.0	0.0	0.0	0.0	5.04
28	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.0	11.0	9.0	12.0	18.0	23.0	25.0	20.0	20.0	20.0	15.0	13.0	10.0	0.0	0.0	3.0	0.0	8.63
29	0.0	0.0	0.0	0.0	0.0	0.0	5.0	3.0	5.0	14.0	15.0	19.0	20.0	20.0	21.0	22.0	21.0	18.0	21.0	21.0	22.0	20.0	7.0	2.0	11.50
30	7.0	4.0	3.0	3.0	1.0	5.0	5.0	15.0	19.0	22.0	20.0	20.0	21.0	20.0	21.0	20.0	19.0	22.0	20.0	13.0	10.0	7.0	2.0	0.0	12.46
31	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	10.0	10.0	10.0	11.0	14.0	16.0	12.0	12.0	2.0	4.0	7.0	6.0	1.0	0.0	0.0	5.13
Mean	0.77	0.55	0.71	0.30	0.25	0.39	0.87	3.60	6.61	8.66	9.42	11.77	13.19	14.65	14.74	14.84	14.52	11.81	10.23	8.71	6.45	3.74	3.66	1.56	6.75

Wind Velocity (in kilometres per hour).

(Dines's Self-Registering Pressure Anemometer).

September, 1900.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	2.0	4.0	5.0	9.0	13.0	14.0	15.0	16.0	19.0	23.0	11.0	3.0	2.0	2.0	0.0	0.0	5.79
2	0.0	0.0	0.0	0.0	0.0	0.0	2.0	9.0	11.0	10.0	10.0	10.0	8.0	9.0	14.0	15.0	14.0	13.0	4.0	5.0	6.0	0.0	2.0	0.0	5.92
3	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	12.0	12.0	14.0	15.0	19.0	19.0	20.0	20.0	15.0	6.0	1.0	1.0	0.0	0.0	0.0	6.75
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	13.0	16.0	14.0	15.0	13.0	12.0	8.0	7.0	6.0	23.0	12.0	14.0	8.0	7.0	5.0	0.0	7.29
5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	9.0	14.0	15.0	18.0	14.0	15.0	18.0	20.0	12.0	9.0	4.0	5.0	0.0	0.0	0.0	0.0	6.50
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	11.0	8.0	10.0	10.0	14.0	17.0	17.0	12.0	16.0	9.0	4.0	0.0	0.0	0.0	0.0	5.63
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	14.0	12.0	14.0	12.5	19.0	18.0	16.0	16.0	14.0	8.0	9.0	7.0	13.0	7.0	5.0	0.0	7.79
8	0.0	0.0	0.0	0.0	0.0	0.0	2.0	12.0	17.0	15.0	14.0	13.0	18.0	14.0	15.0	12.0	12.0	5.0	3.0	10.0	0.0	0.0	0.0	0.0	6.75
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	14.0	15.0	16.0	18.0	11.0	15.0	17.0	17.0	11.0	4.0	7.0	7.0	0.0	0.0	0.0	0.0	6.67
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	13.0	15.0	16.0	13.0	11.0	24.0	13.0	12.0	12.0	11.0	13.0	10.0	0.0	1.0	0.0	0.0	7.27
11	0.5	0.5	0.5	0.5	0.5	1.0	1.0	10.0	10.0	10.0	11.0	10.0	11.0	13.0	15.0	15.0	9.0	3.0	3.0	0.5	0.5	0.5	0.5	0.5	5.29
12	0.5	0.5	0.5	0.5	0.5	0.5	0.0	0.0	4.0	10.0	11.0	11.0	12.0	12.0	11.0	10.0	10.0	8.0	2.0	6.0	3.0	0.0	0.0	0.0	4.71
13	0.0	0.0	0.0	0.0	0.0	0.0	0.5	2.0	10.0	14.0	11.0	22.0	23.0	7.0	12.0	22.0	15.5	6.0	11.0	4.0	0.0	0.0	0.0	0.0	6.67
14	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	9.0	9.0	10.0	10.0	10.0	15.0	15.0	20.0	18.0	13.0	8.0	0.0	0.0	0.0	0.0	0.0	5.88
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	12.0	19.0	19.0	19.0	15.0	20.0	19.0	18.0	15.0	7.0	0.0	2.0	3.0	2.0	1.0	2.0	7.58
16	3.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	15.0	22.0	26.0	22.0	23.0	24.0	22.0	24.0	13.0	16.0	14.0	12.0	8.0	4.0	0.0	10.58
17	0.0	6.0	0.0	0.0	0.0	0.0	0.5	11.0	24.0	25.0	25.0	25.0	25.0	25.0	22.0	23.0	25.0	20.0	11.0	8.0	2.0	0.0	0.5	0.0	11.58
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	8.0	10.0	10.0	12.0	14.0	12.0	12.0	10.0	1.0	8.0	6.0	4.0	0.0	0.0	0.0	4.67
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	17.0	0.0	4.0	11.0	20.0	22.0	12.0	2.0	2.0	0.0	0.0	6.0	0.0	0.0	4.37
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	5.0	5.0	6.0	8.0	9.0	10.0	12.0	13.0	10.0	0.0	8.0	3.0	0.0	1.0	0.0	0.0	3.83
21	0.0	0.0	0.0	0.0	0.0	0.0	1.0	8.0	8.0	10.0	10.0	13.0	14.0	13.0	16.0	15.0	9.0	0.0	3.0	6.0	3.0	0.0	0.0	0.0	5.38
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	13.0	13.0	14.0	11.0	11.0	18.0	14.0	15.0	16.0	0.0	0.0	6.0	4.0	1.0	0.0	0.0	5.79
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	9.0	7.0	7.0	5.0	6.0	10.0	7.0	10.0	7.0	0.0	0.0	0.0	3.0	1.0	0.0	0.0	3.13
24	0.0	0.0	0.0	0.0	0.5	0.5	0.0	0.0	2.0	2.0	5.0	6.0	7.0	8.0	10.0	11.0	9.0	3.0	0.0	1.0	7.0	4.0	1.0	0.0	3.21
25	0.5	0.0	0.0	0.0	0.0	0.0	0.0	4.0	15.0	11.0	7.0	8.0	14.0	7.0	14.0	10.0	6.0	7.0	6.0	8.0	7.0	10.0	7.0	9.0	6.27
26	1.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.0	6.0	7.0	9.0	12.0	14.0	15.0	15.0	9.0	10.0	9.0	5.0	0.0	0.0	0.0	0.0	5.08
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	8.0	13.0	10.0	14.0	14.0	13.0	13.0	14.0	13.0	7.0	8.0	6.0	1.0	1.0	0.0	0.0	5.67
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	13.0	16.0	15.0	14.0	15.0	10.0	13.0	8.0	6.0	0.0	0.0	1.0	0.0	0.0	0.0	4.62
29	0.0	0.0	0.0	0.0	0.0	0.0	3.0	11.0	10.0	10.0	10.0	9.0	12.0	9.0	15.0	14.0	10.0	4.0	4.0	2.0	1.0	1.0	0.0	0.0	5.21
30	0.0	0.0	0.0	0.0	0.0	0.0	2.0	7.0	12.0	15.0	17.5	19.0	25.0	25.0	22.0	20.0	18.0	14.0	10.0	12.0	9.0	4.0	1.0	0.0	9.69
Mean	0.18	0.37	0.07	0.08	0.07	0.08	0.47	4.24	9.08	11.50	12.33	12.75	18.47	14.53	15.00	15.53	12.85	8.37	6.23	5.18	3.02	1.88	0.90	0.40	6.18

Wind Velocity (in kilometres per hour).

(Dines's Self-Registering Pressure Anemometer).

October, 1900.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	0.0	0.0	0.0	0.0	0.0	0.0	0.5	1.0	8.0	19.0	22.0	19.0	27.0	26.0	27.0	24.0	24.0	9.0	7.0	10.0	16.0	5.0	1.0	1.0	10.27
2	1.0	1.0	1.0	1.0	1.0	1.0	3.0	3.0	5.0	10.0	20.0	20.0	20.0	20.0	21.0	22.0	12.0	3.0	12.0	10.0	6.0	2.0	5.0	3.0	8.46
3	1.0	2.0	1.0	2.0	9.0	8.0	8.0	11.0	8.0	18.0	22.0	27.0	32.0	26.0	20.0	24.0	20.0	14.0	7.0	8.0	10.0	11.0	10.0	5.0	12.67
4	9.0	5.0	7.0	4.0	0.0	0.0	12.0	4.0	10.0	17.0	22.0	19.0	19.0	15.0	17.0	16.0	7.0	1.0	7.0	7.0	6.0	3.0	0.0	0.0	8.62
5	0.0	3.0	0.0	0.0	0.0	0.0	0.0	5.0	6.0	8.0	12.0	15.0	18.0	19.0	15.0	20.0	13.0	5.0	4.0	2.0	0.0	0.0	0.0	0.0	6.04
6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	5.0	7.0	9.0	11.0	13.0	11.0	7.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	2.92
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	3.0	1.0	10.0	4.0	1.0	0.0	0.0	6.0	0.0	0.0	0.0	1.17
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	3.0	5.0	6.0	8.0	8.0	12.0	7.0	5.0	0.0	0.5	6.0	0.5	0.5	0.5	0.5	2.69
9	0.5	0.5	0.5	1.0	1.0	1.0	0.0	0.0	0.0	3.0	8.0	8.0	10.0	12.0	11.0	7.0	0.0	0.0	8.0	5.0	0.0	0.0	0.0	0.0	3.19
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	3.0	1.0	3.0	7.0	7.0	12.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.54
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	5.0	9.0	10.0	5.0	4.0	6.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	1.92
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	10.0	8.0	8.0	8.0	10.0	9.0	8.0	1.0	0.0	13.0	6.0	4.0	0.0	0.0	3.83
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	2.0	4.0	1.0	9.0	7.0	8.0	7.0	0.5	0.5	0.5	1.0	0.0	12.0	1.0	2.31
14	1.0	0.5	0.5	0.5	0.5	0.5	0.0	3.0	2.0	4.0	4.0	5.0	9.0	12.0	18.0	18.0	14.0	11.0	5.0	1.0	0.0	0.0	0.0	0.0	4.56
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.7	3.0	4.0	7.0	8.0	7.0	9.0	0.0	1.0	2.0	0.0	0.0	0.0	0.0	1.78
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	12.0	16.0	22.0	20.0	11.0	12.0	3.0	0.0	12.0	7.0	3.0	3.0	0.0	0.0	5.25
17	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	2.0	8.0	9.0	5.0	1.0	6.0	10.0	5.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.00
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	3.0	9.0	10.0	11.0	15.0	11.0	5.0	0.0	0.0	5.0	5.0	0.0	0.0	0.0	3.33
19	3.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	12.0	29.0	31.0	24.0	27.0	22.0	24.0	22.0	16.0	13.0	10.0	10.0	8.0	0.0	1.0	1.5	10.65
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	15.0	12.0	13.0	15.0	15.0	16.0	15.0	6.0	3.0	2.0	2.0	0.0	0.0	0.0	0.0	5.17
21	0.0	0.0	0.0	0.5	2.0	1.0	0.0	0.0	15.0	22.0	25.0	25.0	21.0	22.0	23.0	24.0	19.0	3.0	8.0	8.0	7.0	3.0	0.0	0.0	9.52
22	7.0	0.0	5.0	4.0	2.0	0.0	7.0	12.0	22.0	29.0	27.0	27.0	26.0	35.0	28.0	24.0	27.0	12.0	18.0	9.0	7.0	1.0	0.0	0.0	13.71
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	6.0	15.0	7.5	14.0	16.0	14.0	16.0	11.0	3.0	1.0	3.0	2.0	0.0	0.0	0.0	0.0	4.54
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	4.0	9.0	1.0	5.0	9.0	12.0	9.0	11.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.75
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	2.0	7.0	4.0	8.0	7.0	2.0	0.0	0.0	0.0	0.0	5.0	1.0	1.0	0.0	0.0	0.0	1.79
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	13.0	15.0	13.0	14.0	13.0	13.0	5.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.88
27	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	10.0	7.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	2.0	1.0	0.0	0.0	1.33
28	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	0.21
29	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.0	11.0	12.5	12.5	12.5	7.0	3.5	0.0	0.8	0.0	0.0	0.0	0.0	0.0	2.68
30	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	5.0	11.0	17.0	16.0	15.0	15.0	17.0	2.0	5.0	4.0	7.0	11.0	6.0	8.0	4.0	6.04
31	0.0	0.0	2.0	5.0	7.0	6.0	16.0	13.0	22.0	34.0	23.0	31.0	25.0	32.0	25.0	35.0	20.0	29.0	37.0	19.0	19.0	8.0	8.0	9.0	17.71
Mean	0.73	0.39	0.55	0.58	0.73	0.56	1.53	2.24	4.82	9.69	10.59	12.35	13.13	13.79	13.47	12.13	7.50	3.63	4.90	4.50	3.37	1.52	1.47	0.81	5.24

Wind Velocity (in kilometres per hour).
(Dines's Self-Registering Pressure Anemometer).

November, 1900.

DATE	HOURS OF OBSERVATION.																									
	1	2	3	4	5	6	7	8	9	10	11	Noon	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN	
1	10.0	1.0	12.0	7.0	14.0	11.0	7.0	12.0	25.0	22.5	25.0	27.0	15.0	20.0	20.0	12.0	3.5	6.0	10.0	5.0	2.5	0.0	0.0	0.0	0.0	11.15
2	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	12.0	2.0	11.0	13.0	12.0	12.0	11.0	4.0	0.0	0.0	0.0	3.0	0.0	0.0	0.0	0.0	3.83
3	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.5	6.5	0.0	4.0	3.0	9.0	6.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.50
4	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	26.0	20.0	25.0	19.0	19.0	19.0	13.0	6.0	2.0	2.5	2.5	1.5	0.0	0.0	0.0	7.10
5	0.0	0.0	0.0	0.0	2.0	0.5	0.5	11.0	12.0	23.0	22.0	19.0	18.0	25.0	19.0	15.0	12.0	4.0	8.0	1.0	2.0	0.0	0.0	0.0	0.0	8.08
6	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0	23.0	7.0	22.0	23.0	17.0	22.0	11.0	4.0	17.0	12.0	6.0	5.0	0.0	0.0	0.0	8.54
7	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	7.0	7.0	6.5	9.0	12.5	12.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.39
8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	5.0	8.0	11.0	13.0	7.0	2.0	1.0	2.0	6.0	0.0	0.0	0.0	0.0	0.0	2.54
9	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.0	18.0	12.0	9.0	7.0	6.0	0.0	14.0	11.0	2.0	0.0	0.0	0.0	0.0	0.0	3.79
10	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	3.0	9.0	5.0	5.0	4.0	7.0	2.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.69
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	3.0	3.0	1.0	7.0	7.0	0.0	2.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.17
12	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	14.0	23.0	17.0	17.0	15.0	13.0	14.0	8.0	1.0	2.0	10.0	0.0	3.0	1.0	0.0	5.83
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.10
14	0.0	0.0	0.0	0.0	0.0	0.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	7.0	3.0	2.0	2.0	0.0	0.75
15	0.0	0.0	0.0	0.0	6.0	15.0	23.0	8.0	21.0	20.0	16.0	33.0	21.0	18.0	17.0	20.0	19.0	4.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	10.17
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	3.5	12.0	12.0	15.0	11.0	10.0	10.5	12.5	3.0	1.0	0.0	5.0	6.0	0.0	0.0	0.0	0.0	4.25
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	10.0	15.0	18.0	11.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.67
18	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.0	6.0	3.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	6.0	2.0	0.0	0.0	0.83
19	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	3.0	17.0	10.0	6.5	3.5	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.79
20	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	7.0	6.0	0.0	5.0	8.0	5.0	5.0	9.0	6.0	7.0	3.0	0.0	1.0	2.58	
21	0.0	0.0	0.0	0.0	0.0	0.0	1.0	1.0	1.0	18.0	30.0	27.0	26.0	16.0	27.0	15.0	7.0	3.0	3.0	4.0	0.0	0.0	0.0	0.0	0.0	7.46
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	5.0	5.5	17.0	10.5	13.5	18.0	14.0	8.0	2.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	3.98
23	0.0	0.0	0.0	0.0	0.0	0.0	0.5	0.5	0.4	5.0	14.0	18.0	15.0	14.0	12.0	8.0	1.0	0.6	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.71
24	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.0	0.0	0.0	1.0	4.0	0.0	0.0	0.0	0.0	1.0	8.0	1.0	0.0	0.0	0.71
25	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	6.5	7.5	10.0	4.0	1.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.35
26	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	15.0	17.0	13.0	10.0	10.0	6.0	5.0	0.0	0.0	0.0	0.0	3.0	1.0	1.0	1.0	8.0	0.0	3.75
27	7.0	12.0	1.0	9.0	15.0	13.0	13.0	11.0	16.0	20.0	26.0	25.8	26.0	25.5	19.0	20.0	11.0	9.0	5.0	5.0	0.0	3.0	1.0	0.0	0.0	12.22
28	0.0	0.0	0.0	0.0	0.0	0.0	1.5	0.0	14.0	13.0	7.5	11.0	14.0	15.5	14.0	12.5	4.5	4.0	10.0	5.0	1.5	1.0	0.0	0.0	0.0	5.29
29	0.0	0.0	0.0	0.0	0.0	0.0	3.0	3.0	8.0	12.0	15.0	15.0	8.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.67
30	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0	1.0	0.0	1.0	1.0	0.0	0.17
Mean	0.70	0.43	0.43	0.50	1.23	1.30	1.67	1.67	5.01	8.00	10.48	11.88	10.15	10.40	9.88	8.37	4.00	2.47	2.75	2.12	1.68	1.05	0.37	0.43	4.07	

Wind Velocity (in kilometres per hour).

(Dines's Self-Registering Pressure Anemometer).

December, 1900.

DATE	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.	MEAN
1	0.0	0.0	0.0	4.0	2.0	0.0	17.0	19.0	25.0	30.0	35.0	35.0	40.0	32.0	28.0	25.0	20.0	22.0	25.0	28.0	22.0	32.0	35.0	28.0	21.00
2	33.0	25.0	30.0	15.0	21.0	15.0	20.0	15.0	17.0	15.0	13.0	15.0	8.0	8.0	10.0	7.0	0.0	0.0	0.0	0.0	3.0	7.0	1.0	0.0	11.58
3	0.0	4.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	14.0	4.5	6.5	4.5	4.0	5.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.99
4	5.5	1.0	2.5	1.0	1.0	3.0	0.0	0.0	0.0	7.0	11.0	20.0	18.0	16.0	18.0	15.0	9.0	10.0	17.0	15.0	4.0	5.0	6.0	5.0	7.92
5	8.0	0.0	0.0	0.0	0.0	0.0	7.0	13.0	22.0	27.0	22.0	25.0	20.0	25.0	23.0	18.0	19.0	0.0	0.0	11.0	5.0	8.0	0.0	0.0	10.54
6	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.5	0.0	5.0	0.0	0.0	0.0	0.33
7	0.0	0.0	0.0	0.0	0.5	0.0	0.0	0.0	0.0	7.0	4.0	8.0	0.0	2.5	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.97
8	0.0	0.0	0.0	5.0	1.5	4.0	12.0	23.0	20.0	20.0	20.0	17.0	17.0	12.0	8.0	6.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	10.0	7.47
9	6.0	10.0	1.0	1.0	2.0	5.0	2.0	3.0	14.0	20.0	20.0	19.0	15.0	11.0	8.0	9.5	2.5	2.0	0.0	0.0	0.0	0.0	0.0	2.5	6.40
10	0.0	0.0	0.0	0.0	0.0	3.0	0.0	0.5	1.5	6.5	9.0	11.0	13.0	13.0	13.0	4.0	5.0	0.5	1.0	1.0	0.0	0.0	0.5	0.0	3.43
11	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.5	4.0	5.5	14.0	19.5	9.0	19.0	13.0	8.5	8.0	1.5	2.0	0.5	2.0	0.0	0.0	4.46
12	0.5	2.5	5.0	2.0	2.0	7.0	0.0	8.0	7.0	6.0	12.5	11.5	9.0	6.0	3.5	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.54
13	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	9.0	6.5	6.5	1.0	3.0	1.5	4.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.33
14	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	1.0	3.0	1.5	1.5	0.0	2.5	0.0	23.0	0.0	0.0	0.0	0.0	0.0	0.0	1.45
15	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	3.5	5.5	8.0	7.0	12.0	2.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.60
16	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	4.0	5.5	5.0	7.0	8.0	1.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.23
17	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	0.0	4.0	3.5	3.0	12.0	12.0	11.0	0.0	0.0	0.0	1.0	1.5	3.5	3.5	5.0	2.60
18	5.5	8.5	12.0	16.0	13.0	14.0	11.0	12.0	11.0	1.0	7.0	9.0	11.0	27.0	15.0	13.0	8.0	5.0	12.0	12.0	14.0	14.0	15.0	27.0	12.20
19	21.0	21.5	12.0	24.0	13.5	14.0	11.5	16.0	15.5	18.0	16.0	22.0	20.0	27.0	4.5	8.0	3.5	0.0	0.0	1.0	4.0	2.0	2.5	3.5	11.70
20	4.0	1.5	0.0	3.5	0.0	3.5	1.5	5.0	5.5	12.0	5.5	7.0	10.0	8.0	12.0	0.0	0.0	2.0	0.0	0.0	0.0	1.5	0.0	6.0	3.68
21	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.5	6.0	4.0	6.5	5.0	5.5	2.5	0.0	0.0	0.0	1.5	3.5	1.5	0.0	0.0	0.0	1.53
22	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	8.0	4.0	2.0	4.0	4.0	2.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	1.09
23	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.5	2.5	2.0	3.5	4.5	6.0	0.88
24	8.0	10.0	15.0	20.0	16.0	19.0	21.5	18.0	23.0	18.0	28.0	13.5	26.0	28.0	17.5	16.0	11.5	6.0	6.5	4.0	9.0	3.5	11.0	3.5	14.69
25	4.0	2.5	0.0	2.0	2.5	0.0	5.0	0.0	3.5	12.0	9.5	10.0	10.0	10.0	5.0	1.0	0.0	0.0	2.0	0.0	0.0	0.0	0.0	0.0	3.29
26	0.0	2.0	0.0	0.0	0.0	0.0	0.0	0.5	7.5	9.0	8.0	8.0	4.0	7.5	7.5	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	2.25
27	0.0	0.0	0.0	0.0	1.0	3.5	1.0	2.0	9.5	12.0	13.0	10.5	11.0	11.0	15.0	14.0	7.0	3.0	2.0	6.0	1.0	0.0	2.0	3.0	5.95
28	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
30	0.8	1.9	1.3	5.2	3.9	3.4	1.3	2.2	2.2	8.3	15.0	11.5	12.5	12.0	17.5	21.5	12.0	12.0	12.0	10.5	7.5	11.0	13.0	13.0	8.75
31	13.0	15.0	16.0	18.0	16.0	22.0	24.0	21.0	19.0	31.0	28.0	29.0	36.0	31.0	41.0	36.0	27.0	23.0	17.5	17.5	15.0	19.0	17.0	16.5	22.85
Mean	3.77	3.70	3.29	4.02	3.31	4.01	4.65	5.46	7.47	9.67	11.21	11.36	11.52	11.69	10.48	8.09	4.59	4.07	3.52	3.76	3.28	3.86	3.97	4.45	6.05

Wind Velocity.

MONTHLY MEANS FOR EVERY HOUR.

MONTH.	HOURS OF OBSERVATION.																								
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mndt.	MEAN
January ...	6.76	6.06	6.13	6.40	6.82	6.35	5.84	6.11	8.95	12.12	13.85	14.87	15.11	17.19	15.48	14.03	9.40	6.85	4.98	5.39	6.44	5.82	5.98	5.69	8.85
February ..	10.61	11.66	11.61	11.87	12.48	13.05	13.13	14.34	18.61	19.75	21.36	22.36	23.64	23.86	22.59	21.98	17.53	12.85	12.21	10.75	11.30	11.02	10.29	10.89	15.40
March.....	8.70	8.27	8.67	7.97	8.70	9.37	10.73	12.83	16.57	17.80	19.62	21.82	21.03	20.50	19.12	18.67	16.77	13.33	12.30	11.20	13.20	12.55	11.68	9.98	13.81
April.....	10.39	9.12	7.75	7.67	7.68	7.28	9.63	14.62	18.25	18.80	18.40	19.02	18.83	18.48	21.35	20.70	20.27	18.12	16.28	15.70	15.03	14.83	11.42	9.27	14.53
May.....	5.47	4.23	3.52	3.76	2.23	2.98	6.20	10.63	12.35	14.37	13.35	14.06	15.89	17.87	16.29	17.53	17.26	17.10	13.76	14.74	11.92	11.23	6.97	5.76	10.82
June.....	6.73	4.62	4.65	4.72	4.91	4.99	12.89	14.96	15.05	18.15	20.30	19.53	19.22	22.27	21.10	22.03	23.77	23.87	21.58	20.22	17.12	14.30	11.02	8.00	14.84
July.....	1.76	1.90	1.50	1.39	1.39	1.02	3.92	6.97	8.59	8.81	10.34	12.37	14.74	16.74	16.29	15.47	17.10	17.18	14.82	17.52	12.56	9.55	4.79	3.11	9.16
August....	0.77	0.55	0.71	0.30	0.25	0.39	0.87	3.60	6.61	8.66	9.42	11.77	13.19	14.65	14.74	14.84	14.52	11.81	10.23	8.71	6.45	3.74	3.66	1.56	6.75
September.	0.18	0.37	0.07	0.03	0.07	0.08	0.47	4.24	9.03	11.50	12.33	12.75	13.47	14.53	15.00	15.53	12.85	8.37	6.23	5.18	3.02	1.88	0.90	0.40	6.18
October...	0.73	0.39	0.55	0.58	0.73	0.56	1.53	2.24	4.82	9.69	10.59	12.35	13.13	13.79	13.47	12.13	7.50	3.63	4.90	4.50	3.37	1.52	1.47	0.81	5.24
November.	0.70	0.43	0.43	0.50	1.23	1.30	1.67	1.67	5.01	8.00	10.48	11.88	10.85	10.40	9.88	8.37	4.00	2.47	2.75	2.12	1.68	1.05	0.37	0.43	4.07
December.	3.77	3.70	3.29	4.02	3.31	4.01	4.65	5.46	7.47	9.67	11.21	11.36	11.52	11.69	10.48	8.09	4.59	4.07	3.52	3.76	3.28	3.86	3.97	4.45	6.05
MEAN.....	4.71	4.28	4.07	4.10	4.15	4.28	5.96	8.14	10.94	13.11	14.27	15.35	15.89	16.83	16.32	15.78	13.80	11.64	10.30	9.97	8.78	7.61	6.04	5.03	9.64

DEVIATION FROM MONTHLY MEANS FOR EVERY HOUR.

MONTH.	HOURS OF OBSERVATION.																							
	1	2	3	4	5	6	7	8	9	10	11	Noon.	13	14	15	16	17	18	19	20	21	22	23	Mdnt.
January ...	-2.09	-2.79	-2.72	-2.45	-2.03	-2.50	-3.01	-2.74	+0.10	+3.27	+5.00	+6.02	+6.26	+8.24	+6.63	+5.18	+0.55	-2.00	-3.87	-3.46	-2.41	-3.03	-2.87	-3.16
February ...	-4.79	-3.74	-3.74	-3.53	-2.92	-2.35	-2.27	-1.06	+3.21	+4.35	+5.96	+6.96	+8.24	+9.46	+7.19	+6.58	+2.13	-2.55	-3.19	-4.65	-4.10	-4.38	-4.11	-4.51
March.....	-5.11	-5.54	-5.14	-5.84	-5.11	-4.44	-3.08	-0.98	+2.76	+3.93	+5.81	+3.01	+7.22	+6.69	+5.31	+1.86	+2.96	-0.48	-1.51	-2.61	-0.61	-1.26	-2.13	-3.83
April.....	-4.23	-5.41	-6.78	-6.76	-6.85	-7.25	-4.90	+0.09	+3.70	+1.27	+3.87	+4.49	+4.30	+4.05	+6.82	+6.17	+5.74	+3.59	+1.75	+1.17	+0.60	+0.30	-3.11	-5.26
May.....	-5.35	-6.59	-7.30	-7.06	-8.59	-7.84	-4.62	-0.19	+1.53	+3.55	+2.53	+3.24	+5.07	+7.05	+5.47	+6.71	+6.44	+6.28	+2.94	+3.92	+1.10	+0.41	-3.85	-5.06
June.....	-8.11	-10.22	-10.19	-10.12	-9.93	-9.85	-1.95	+0.12	+0.21	+3.31	+5.46	+1.69	+1.38	+7.43	+5.26	+7.19	+8.93	+9.03	+6.74	+5.38	+2.28	-0.54	-3.82	-6.84
July.....	-7.40	-7.26	-7.66	-7.77	-7.77	-8.14	-5.24	-2.19	-0.57	-0.34	-1.18	+3.21	+5.58	+7.58	+7.13	+5.31	+7.94	+8.02	+5.66	+3.36	+3.40	+0.39	-4.37	-6.05
August....	-5.98	-6.20	-6.04	-6.45	-6.55	-6.36	-5.88	-3.15	-0.14	+1.91	+2.67	+5.02	+5.44	+7.90	+7.99	+8.09	+7.77	+5.06	+3.48	+1.96	+0.30	-3.01	-3.09	-5.19
September.	-6.00	-5.81	-6.11	-6.15	-6.11	-6.10	-5.71	-1.94	+2.85	+5.32	+6.15	+5.57	+7.29	+8.35	+8.82	+9.35	+5.67	+2.19	+0.05	-1.00	-3.16	-4.30	-5.28	-5.78
October...	-4.51	-4.85	-4.69	-4.66	-4.51	-4.68	-3.71	-3.00	-0.42	-1.45	+5.35	+7.11	+7.89	+8.55	+8.23	+6.89	+2.26	-1.61	-0.34	-0.74	-1.87	-3.72	-3.77	-4.43
November.	-3.37	-3.64	-3.64	-3.57	-2.84	-2.77	-2.40	-2.40	+0.94	+3.93	+6.41	+7.81	+5.78	+6.33	+5.81	+1.30	-0.07	-1.60	-1.32	-1.95	-2.39	-3.02	-3.70	-3.64
December.	-2.28	-2.35	-2.76	-2.03	-2.74	-2.04	-1.40	-0.59	+1.42	+3.62	+5.16	+5.31	+5.47	+5.64	+1.43	+2.04	-1.46	-1.98	-2.53	-2.29	-2.77	-2.19	-2.08	-1.60
MEAN.....	-4.93	-5.36	-5.37	-5.54	-5.49	-5.36	-3.68	-1.50	+1.30	+3.47	+4.63	+5.71	+6.25	+7.19	+5.68	+6.14	+4.16	+2.00	+0.66	+0.33	-0.86	-2.03	-3.60	-4.61

Cloud.

January, 1900.

DATE	HOURS OF OBSERVATION				MEAN
	6 ^a	8 ^a	2 1/2 ^p	9 ^p	
1	10 St.-Cu.	8 St.-Cu.	7 Alt.-Cu.	0	5.7
2	3 Cu.	3 Cu.	6 Ma.-Cu.	0	3.0
3	8 Ni.-Cu.	3 Cu.	6 Cu.	3 Alt.-St.	5.7
4	10 Ma.-Cu.	8 Cu.	8 Ma.-Cu.	0	6.0
5	0	3 Cl.	2 Cl.	0	0.7
6	0 Thick fog.	0 Fog.	0.	0	0.0
7	1 Alt.-St.	8 Alt.-St.	8 Cl.-St.	10 Fr.-St.	6.3
8	10 Alt.-Cu.	10 Alt.-Cu.	10 St.-Cu.	9 Alt.-St.	9.7
9	0	0	0	0	0.0
10	0	0	0	0	0.0
11	0	0	3 Cu.	0	1.0
12	0	0	0	0	0.0
13	0	0	4 Cl.-St.	1 Alt.-St.	1.7
14	0	0 Mist.	0	0	0.0
15	0	3 ?	7 Cl.-St.	7 Cl.-St.	4.7
16	10 Ma.-Cu.	10 Cu.	1 Cu.	3 Cu.	4.7
17	0	3 Alt.-St.	8 Cu.-Ni.	4 Alt.-Cu.	4.0
18	3 Cl.-St.	8 ?	8 Ma.-Cu.	8 St.-Cu.	6.3
19	10 St.-Cu.	10 ?	10 Fr.-Ni.	10 Ni.	10.0
20	0	0	0	0	0.0
21	1 Alt.-St.	8 ?	6 ?	5 ?	4.0
22	10 Fr.-Ni.	10 Fr.-Ni.	10 Ni.	9 Ni.	9.7
23	1 Alt.-St.	3 Cu.	2 Cu.	4 Cu.	2.3
24	4 St.-Cu.	1 Alt.-Cu.	8 St.-Cu.	2 Fr.-Cu.	4.7
25	10 St.-Cu.	0	8 Alt.-St.	0	6.0
26	0	0	7 St.-Cu.	2 Fr.-Cu.	3.0
27	9 St.-Cu.	3 ?	6 Alt.-Cu.	3 Alt.-St.	6.0
28	1 Alt.-St.	0	0	0	0.3
29	0	0	0	0	0.0
30	0	5 ?	0	0	0.0
31	1 St.-Cu.	8 Cl.	1 Cl.	0	0.7
Mean	3.29	3.71	4.33	2.50	3.41

February, 1900.

DATE	HOURS OF OBSERVATION				MEAN
	6 ^a	8 ^a	2 1/2 ^p	9 ^p	
1	0 Mist.	0	0	0	0.0
2	10 St.-Cu.	4 ?	8 Cl.-St.	2 Alt. St.	6.7
3	1 Alt.-St.	0 Mist.	8 St.-Cu.	7 Ni.-Cu.	5.3
4	1 St.-Cu.	3 St.-Cu.	8 Cu.	0	3.0
5	10 Ma.-Cu.	10 Ma.-Cu.	7 Cu.	1 Cu.	6.0
6	9 St.-Cu.	8 St.-Cu.	1 Ni.	10 Ni.	9.7
7	7 Ni.-Cu.	1 Cl.-St.	0	0	2.3
8	1 Cl.-St.	1 Cl.	0	0	0.3
9	1 Fr.-St.	5 Ni.-Cu.	4 Cu.	5 Cu.	3.3
10	1 Cl.-St.	3 Cl.-St.	0	0	0.3
11	0	0	7 Ni.-Cu.	9 Ni.-Cu.	5.3
12	9 St.-Cu.	8 St.-Cu.	1 Cu.	1 Cl.-St.	3.7
13	9 Ni.-Cu.	9 St.-Cu.	8 Ni.-cu.	10 St.-Cu.	9.0
14	10 Ni.	4 St.-Cu.	6 Cu.	0	5.3
15	2 Ni.-Cu.	3 Cl.-St.	2 Cl.	9 St.-Cu.	4.3
16	9 St.-Cu.	4 St.-Cu.	0	10 Cl.-Cu.	6.3
17	10 Fr.-Ni.	1 Cu.	9 St.-Cu.	0	6.3
18	2 St.-Cu.	8 St.-Cu.	6 Cl.	5 Cl.-St.	4.3
19	7 Ni.-Cu.	7 Alt.-Cu.	10 Cl.-St.	9 Cl.-St.	8.7
20	9 St.-Cu.	8 St.-Cu.	10 ?	0	6.3
21	2 Cl.	0	6 Cl.-St.	0	2.7
22	3 Cl.-St.	8 Cl.-St.	3 Cl.-St.	2 ?	2.7
23	10 Cl.	10 Ni.	10 St.-Cu.	0	6.7
24	5 St.-Cu.	8 St.-Cu.	8 Cu.	0	4.3
25	5 Ni.-Cu.	10 Ni.	10 Ni.	0	5.0
26	10 St.-Cu.	4 St.-Cu.	8 Ni.-Cu.	10 Ni.	9.3
27	9 St.-Cu.	10 St.-Cu.	6 Cu.	1 St.-Cu.	5.3
28	10 St.-Cu.	8 St.-Cu.	7 Cu.	0	5.7
Mean	5.79	5.18	5.79	3.25	4.93

Cloud.

March, 1900.

DATE	HOURS OF OBSERVATION.				MEAN
	6 ^a	8 ^a	2 ½ ^p	9 ^p	
1	4 Ci.-St.	3 Ci.	3 Ci.-St.	0	2.3
2	6 Ci.-Cu.	8 Ci.-Cu.	5 Ci.-Cu.	0	3.7
3	4 Ci.	5 Ci.	5 Ci.	9 Ci.	6.0
4	4 Alt.-Cu.	5 Ci.	7 Ci.-St.	1 Ni.-Cu.	4.0
5	10 Ni.-Cu.	9 Ni.-Cu.	5 Ci.	0	5.0
6	6 St.	9 Ci.	3 Ci.	3 Ci.-St.	4.0
7	1 Ci.	4 Ci.	0	1 Ci.	0.7
8	6 Ni.-Cu.	1 Alt.-Cu.	5 St.-Cu.	10 St.-Cu.	7.0
9	10 Fr.-St.	10 St.	10 St.	8 Alt.-Cu.	9.3
10	3 Alt.-St.	7 Alt.-Cu.	7 Ci.	2 Ci.-St.	4.0
11	10 St.	8 St.	9 Alt.-Cu.	0	6.3
12	6 Alt.-St.	3 Ci.-St.	10 St.	10 Fr.-St.	8.7
13	1 Cu.	2 Cu.-Ni.	3 Cu.	9 Cu.	4.3
14	0	0	6 Cu.	0	2.0
15	2 Ci.	0	8 Cu.-Ni.	0	3.3
16	1 St.	0	2 Ni.-Cu.	8 Ni.-Cu.	3.7
17	0	0	6 Cu.	0	2.0
18	1 Alt.-St.	3 Alt.-St.	1 Ci.	0	0.7
19	4 Ci.	8 Ci.	6 Ci.-St.	0	3.3
20	10 Ni.-Cu.	10 Ni.-Cu.	4 Ci.-St.	1 Alt.-St.	5.0
21	1 Alt.-St.	1 Alt.-St.	6 Cu.	0	2.3
22	3 Ci.	2 Alt.-Cu.	10 Ni.-Cu.	0	4.3
23	0	0	0	0	0.0
24	4 St.-Cu.	2 Cu.	0	0	1.3
25	1 Ci.-St.	2 Ci.-St.	10 Ni.-Cu.	0	3.7
26	2 Ci.	10 Ci.	0	0	0.7
27	6 Cu.	1 Cu.	0	0	2.0
28	0	1 Ci.-St.	0	3 Cu.	1.0
29	0	0	9 Ci.-St.	0	3.0
30	8 St.-Cu.	3 Ci.-St.	5 Ci.-St.	0	4.3
31	0	0	0	0	0.0
Mean	3.68	3.77	4.68	2.10	3.48

April, 1900.

DATE	HOURS OF OBSERVATION.				MEAN
	6 ^a	8 ^a	2 ½ ^p	9 ^p	
1	1 Alt.-Cu.	1 Alt.-Cu.	5 Alt.-Cu.	5 Alt.-St.	3.7
2	10 St.-Cu.	4 St.-Cu.	10 St.-Cu.	10 St.-Cu.	10.0
3	10 St.-Cu.	10 St.-Cu.	1 Ci.	0	3.7
4	7 Alt.-Cu.	5 Alt.-Cu.	8 Ci.-St.	6 Ci.-St.	7.0
5	10 St.-Cu.	4 St.-Cu.	10 St.-Cu.	10 St.-Cu.	10.0
6	7 Ni.-Cu.	9 Ni.-Cu.	10 Ni.-Cu.	0	5.7
7	0	0	0	0	0.0
8	10 St.-Cu.	3 Ci.-St.	0	0	3.3
9	0	0	2 Ci.	0	0.7
10	0	0	9 Cu.	0	3.0
11	7 Cu.	3 Cu.	7 Cu.	8 Cu.-Ni.	7.3
12	4 Alt.-Cu.	6 Alt.-Cu.	1 Ci.	0	1.7
13	9 Ni.-Cu.	2 Cu.	7 Cu.	0	5.3
14	6 Cu.	1 Cu.	1 Cu.	0	2.3
15	0	0	2 Cu.	0	0.7
16	7 Ni.-Cu.	0	8 Cu.	0	5.0
17	3 Cu.	1 Ci.-St.	3 Cu.	0	2.0
18	0	0	0	0	0.0
19	0	0	0	0	0.0
20	1 Alt.-St.	1 Ci.-St.	0	0	0.3
21	0	0	0	0	0.0
22	0	0	0	0	0.0
23	10 Ni.-Cu.	0	0	0	3.3
24	9 Ci.-St.	10 Ci.	10 Ni.-Cu.	0	6.3
25	0	0	0	0	0.0
26	0	0	0	0	0.0
27	0	0	0	0	0.0
28	0	0	0	0	0.0
29	0	0	0	0	0.0
30	0	0	7 Ci. ✓	0	2.3
Mean	3.70	2.00	3.37	1.30	2.79

Cloud.

May, 1900.

June, 1900.

DATE	HOURS OF OBSERVATION				MEAN
	6 ^a	8 ^a	2 ¹ p	9 ^p	
1	0	5 Ci.	6 Ci.-St.	0	2.0
2	5 Ci	5 Ci.-St.	0	0	1.7
3	0	0	5 Ci.	0	1.7
4	9 Ci.	8 Ci.	10 Ci.-St.	6 Ci.-St.	8.3
5	9 Ci.-St.	3 Ci.-St.	9 Alt.-St.	5 Ci.-St.	7.7
6	0	0	1 Cu.	0	0.3
7	9 Ni-Cu.	9 Ni-Cu.	7 Cu.	0	5.3
8	7 Ni-Cu.	2 Ni-Cu.	0	0	2.3
9	4 Ci.	3 Ci.	0	0	1.3
10	0	0	0	0	0.0
11	0	0	0	0	0.0
12	3 Ci-Cu	5 Alt.-Cu.	10 Ni.-Cu.	9 Ni.-Cu.	7.3
13	9 Ni-Cu.	7 Ci.-St.	5 Cu.	1 Ni.-Cu.	5.0
14	8 Cu.	0	0	0	2.7
15	0	1 Ci.	1 Ni.-Cu.	0	0.3
16	5 Ni-Cu.	3 Ni.-Cu.	6 Ci.	0	3.7
17	10 Alt.-St.	10 Alt.-St.	9 Ci.-St.	5 Ci.-St.	8.0
18	10 St.-Cu.	3 St.-Cu.	10 St.-Cu.	10 St.-Cu.	10.0
19	10 St.-Cu.	10 St.-Cu.	9 Ci.-Cu.	0	6.3
20	7 Alt.-St.	3 Cu.	5 Ci.	0	4.0
21	2 Alt.-St.	1 Ni.	7 Ci.-St.	0	3.0
22	2 Ci.-St.	2 Ci.-St.	2 Ci.	0	1.3
23	8 Ci.	7 Ci.	8 Ci.-St.	1 Ci.	5.7
24	9 St.-Cu.	4 St.-Cu.	3 Cu.	6 St.-Cu.	6.0
25	7 Ni-Cu.	8 Cu.	7 Cu.	0	4.7
26	0	2 Cu.	6 Ci.-St.	0	2.0
27	8 Ci-Cu.	7 Alt.-Cu.	10 Ci.-St.	10 St.-Cu.	9.3
28	9 Ci.	9 Ci.-St.	9 Ci.-St.	6 Ci.-St.	8.0
29	9 St.-Cu.	3 Ci.-St.	10 St.-Cu.	10 St.-Cu.	9.7
30	10 St.-Cu.	8 Alt.-Cu.	10 St.-Cu.	3 St.-Cu.	7.7
31	1 Ci.	0	0	0	0.3
Mean	5.48	4.16	5.32	2.32	4.37

DATE	HOURS OF OBSERVATION				MEAN
	6 ^a	8 ^a	2 ¹ p	9 ^p	
1	0	0	1 Alt.-Cu.	0	0.3
2	0	0	7 Ci.-St.	0	2.3
3	7 St.-Cu.	3 Cu.	7 Cu.	3 Alt.-Cu.	5.7
4	10 Alt.-St.	9 St.-Cu.	9 Ci.-St.	3 Ci.	7.3
5	5 Alt.-Cu.	7 Ci.	9 Ci.-St.	6 Ci.-St.	6.7
6	0	0	6 Ci.-St.	0	2.0
7	0	1 Ci.	6 Ci.-St.	4 Ci.	3.3
8	0	0	9 Ci.-St.	6 Ci.-St.	5.0
9	8 Ci.-St.	4 Ci.-St.	2 Alt.-St.	5 Alt.-St.	5.0
10	3 Ci.	8 Ci.	7 Ci.	1 Alt.-Cu.	3.7
11	7 St.-Cu.	2 Ci.	7 Ci.-St.	10 St.-Cu.	8.0
12	7 Ci.-St.	3 Ci.-St.	6 Ci.	0	4.3
13	3 Ci.-St.	7 St.-Cu.	0	0	1.0
14	3 Alt.-St.	3 Cu.	2 Cu.	0	1.7
15	0	5 Cu.	5 Ci.-St.	0	1.7
16	5 Cu.	3 Cu.	0	0	1.7
17	0	0	0	1 Alt.-St.	0.3
18	1 Alt.-St.	1 Alt.-St.	0	0	0.3
19	2 Ni-Cu.	5 Cu.	8 Ci.-St.	1 Alt.-St.	3.7
20	8 St.-Cu.	3 Cu.	0	0	2.7
21	9 St.-Cu.	5 Cu.	0	0	3.0
22	10 St.-Cu.	3 St.-Cu.	0	0	3.3
23	9 St.-Cu.	0	0	0	3.0
24	4 Alt.-St.	0	0	0	1.3
25	0	0	0	0	0.0
26	10 St.-Cu.	4 St.-Cu.	0	0	3.3
27	10 St.-Cu.	0	0	0	3.3
28	0	0	0	0	0.0
29	0	0	0	0	0.0
30	10 St.-Cu.	7 Cu.	0	0	3.3
Mean	4.37	2.77	3.03	1.33	2.91

Cloud.

July, 1900.

DATE	HOURS OF OBSERVATION				MEAN
	6 ^a	8 ^a	2½ ^p	9 ^p	
1	9 Alt.-St.	0	0	0	3·0
2	1 Alt.-St.	0	0	0	0·3
3	1 Alt.-St.	9 Cu.	0	0	0·3
4	8 Cu.	3 Cu.	0	0	2·7
5	7 St.-Cu.	3 St.-Cu.	1 Ci.-St.	0	2·7
6	0	3 Ci.-St.	0	0	0·0
7	10 St.-Cu.	5 Alt.-Cu.	0	0	3·3
8	1 Alt.-St.	0	0	0	0·3
9	0	2 Ci.-St.	0	0	0·0
10	7 Alt.-Cu.	2 Alt.-Cu.	0	0	2·3
11	8 St.-Cu.	10 St.-Cu.	2 Alt.-Cu.	0	3·3
12	5 St.-Cu.	5 Cu.	0	2 Ci.-St.	2·3
13	3 St.-Cu.	3 Cu.	0	0	1·0
14	0	3 Alt.-Cu.	0	0	0·0
15	0	2 Cu.	0	0	0·0
16	0	0	0	0	0·0
17	0	5 Cu.	0	0	0·0
18	3 Cu.	7 Cu.	5 Cu.	0	2·7
19	9 St.-Cu.	4 Cu.	2 Cu.	1 Cu.	4·0
20	8 St.-Cu.	0	0	0	2·7
21	0	0	0	0	0·0
22	0	1 Cu.	0	0	0·0
23	5 St.-Cu.	3 Ci.-St.	1 Ci.-Cu.	0	2·0
24	0	0	0	0	0·0
25	0	2 Cu.	0	0	0·0
26	0	2 Cu.	0	0	0·0
27	9 St.-Cu.	5 Cu.	0	0	3·0
28	10 St.-Cu.	10 St.-Cu.	0	0	3·3
29	10 St.-Cu.	8 Ci.-St.	0	0	3·3
30	10 St.-Cu.	2 Ci.	0	0	3·3
31	0	0	2 Alt.-Cu.	0	0·7
Mean	4·00	3·19	0·42	0·10	1·50

August, 1900.

DATE	HOURS OF OBSERVATION				MEAN
	6 ^a	8 ^a	2½ ^p	9 ^p	
1	0	0	0	0	0·0
2	0	5 Ci.	0	0	0·0
3	2 Alt.-St.	5 Cu.	0	0	0·7
4	0	0	2 Cu.	0	0·7
5	1 Alt.-St.	0	0	0	0·3
6	0	0	0	0	0·0
7	0	2 Cu.	0	0	0·0
8	6 Cu.	3 Cu.	0	0	2·0
9	4 Alt.-Cu.	2 Cu.	0	0	1·3
10	6 St.-Cu.	8 Cu.	0	1 Alt.-Cu.	2·3
11	2 Alt.-St.	10 St.-Cu.	0	0	0·7
12	0	5 Cu.	0	0	0·0
13	10 St.-Cu.	10 St.-Cu.	0	0	3·3
14	0	0	0	0	0·0
15	0	0	0	0	0·0
16	0	2 Cu.	0	0	0·0
17	2 Cu.	1 Cu.	0	0	0·7
18	0	2 Cu.	0	0	0·0
19	1 Cu.	7 Cu.	0	0	0·3
20	10 Fr.-Ni.	8 Cu.	0	0	3·3
21	0	0	0	0	0·0
22	6 St.-Cu.	2 Cu.	1 Alt.-Cu.	0	2·3
23	0	5 Cu.	0	0	0·0
24	9 St.-Cu.	7 Cu.	0	0	3·0
25	0	9 Cu.	0	0	0·0
26	4 Cu.	9 St.-Cu.	1 Cu.	0	1·7
27	7 Cu.	5 Cu.	0	0	2·3
28	6 St.-Cu.	8 St.-Cu.	0	0	2·0
29	10 St.-Cu.	10 St.-Cu.	0	0	3·3
30	3 St.-Cu.	0	0	0	1·0
31	0	0	0	0	0·0
Mean	2·87	4·03	0·13	0·08	1·01

Cloud.

September, 1900.

DATE	HOURS OF OBSERVATION				MEAN
	6 ^a	8 ^a	2 ½ ^p	9 ^p	
1	7 St.-Cu.	2 Cu.	0	0	2.3
2	3 Cu.	5 Cu.	6 Cu.	0	3.0
3	5 St.-Cu.	0	2 Alt.-Cu.	0	2.3
4	0	1 Cu.	6 Cu.	4 St.-Cu.	3.3
5	4 St.-Cu.	2 Cu.	3 Cu.	0	2.3
6	8 St.-Cu.	8 Cu.	1 Cu.	0	3.0
7	4 Ni-Cu.	0	0	0	1.3
8	8 Cu.	5 Cu.	0	0	2.7
9	9 St.-Cu.	3 Ci.-St.	0	0	3.0
10	7 Cu.	3 Cu.	4 Ci.	0	3.7
11	8 Cu.	3 Cu.	0	0	2.7
12	0	0	0	0	0.0
13	0	9 Cu.	4 Cu.	0	1.3
14	2 Alt.-St.	3 Cu.	4 Cu.	0	2.0
15	0	0	2 Alt.-Cu.	0	0.7
16	0	0	3 Cu.	0	1.0
17	1 Alt.-St.	1 Alt.-St.	1 Cu.	0	0.7
18	0	0	2 Cu.	0	0.7
19	0	1 Cu.	2 Cu.	0	0.7
20	7 Cu.	3 Cu.	0	0	2.3
21	5 St.-Cu.	5 Ni-Cu.	0	0	1.7
22	10 St.-Cu.	5 Cu.	0	0	3.3
23	9 Cu.	3 Cu.	0	0	3.0
24	0	0	0	0	0.0
25	0	0	1 Alt.-St.	0	0.3
26	0	0	0	0	0.0
27	0	0	1 Cu.	0	0.3
28	2 Cu.	1 Cu.	0	0	0.7
29	6 Cu.	1 Alt.-St.	0	0	2.0
30	3 St.-Cu.	2 Cu.	0	0	1.0
Mean	3.60	2.90	1.40	0.13	1.71

October, 1900.

DATE	HOURS OF OBSERVATION				MEAN
	6 ^a	8 ^a	2 ½ ^p	9 ^p	
1	10 St.-Cu.	5 Ci.	2 Cu.	0	4.0
2	10 Mist.	10 St.-Cu.	1 Cu.	0	3.7
3	10 Mist.	10 Mist.	8 Fr.-Cu.	10 St.-Cu.	9.3
4	10 Mist.	10 Alt.-St.	7 Fr.-Cu.	6 Fr.-Cu.	7.7
5	10 Alt.-St.	10 St.-Cu.	4 Cu.	0	4.7
6	8 St.-Cu.	3 Cu.	0	0	2.7
7	8 Ma.-Cu.	2 Alt.-St.	0	0	2.7
8	10 St.-Cu.	10 St.-Cu.	1 Cu.	0	3.7
9	10 St.-Cu.	10 St.-Cu.	2 Cu.	0	4.0
10	10 St.-Cu.	9 St.-Cu.	2 Cu.	0	4.0
11	10 St.-Cu.	10 St.-Cu.	1 Cu.	0	3.7
12	10 Mist.	10 Mist.	2 Cu.	0	4.0
13	0	0	1 Cu.	0	0.3
14	1 Alt.-St.	5 Cu.	5 Cu.	0	2.0
15	1 St.-Cu.	2 Ni.-Cu.	4 Cu.	0	1.7
16	0	0	6 Cu.	9 Ni-Cu.	5.0
17	2 Alt.-St.	0	0	0	0.7
18	0	0	8 Ci.-St.	0	2.7
19	0	0	1 Cu.	0	0.3
20	6 St.-Cu.	2 Alt.-St.	1 Cu.	0	2.3
21	9 Cu.	3 Cu.	2 Cu.	0	3.7
22	10 St.-Cu.	0	2 Cu.	0	4.0
23	10 St.-Cu.	10 Mist.	0	0	3.3
24	10 Mist.	10 Fr.-Ni.	0	0	3.3
25	9 St.-Cu.	8 Ni-Cu.	0	0	3.0
26	3 St.-Cu.	1 Alt.-St.	9 Cu.	0	4.0
27	0	0	3 Ci.	0	1.0
28	2 Ci.-St.	0	5 Ci.-St.	0	2.3
29	2 Alt.-St.	8 Ci.-St.	3 Ci.-Cu.	0	1.7
30	4 Ma.-Cu.	8 Alt.-Cu.	8 Ci.-Cu.	7 Alt.-Cu.	6.3
31	10 Mist.	8 Fr.-Ni.	9 Ci.-St.	6 Fr.-Ni.	8.3
Mean	6.29	5.29	3.13	1.23	3.55

Cloud.

November, 1900.

DATE	HOURS OF OBSERVATION				MEAN
	6 ^a	8 ^a	2 ¹ p	9 ^p	
1	8 St.-Cu.	8 Cu.	9 Cu.	9 Cu.	8.7
2	10 Cu.	2 Cu.	1 Ci.-Cu.	0	3.7
3	5 Alt.-Cu.	5 Alt.-cu.	7 Ci.-St.	0	4.0
4	1 Alt.-St.	0	3 Cu.	0	1.3
5	1 Cu.	1 Cu.	0	6 Ci.	2.3
6	4 St.-Cu.	3 Ci.	1 Cu.	4 Cu.	3.0
7	8 St.-Cu.	2 Cu.	3 Cu.	0	3.7
8	2 St.-Cu.	1 St.-Cu.	3 Cu.	4 Alt.-Cu.	3.0
9	0	3 Cu.	6 Cu.	9 St.-Cu.	5.0
10	2 St.-Cu.	2 Alt.-St.	5 Cu.	0	2.3
11	4 Cu.	4 Ci.	0	0	1.3
12	0	0	1 Alt.-St.	0	0.3
13	7 St.-Cu.	7 Ci.-St.	3 Ci.	0	3.3
14	10 St.-Cu.	10 St.-Cu.	10 St.-Cu.	0	6.7
15	10 St.-Cu.	8 Cu.	1 Cu.	0	3.7
16	2 Ci.-St.	2 Ci.-St.	4 Ci.	0	2.0
17	3 St.-Cu.	7 Ci.	4 Cu.	0	2.3
18	0	0	0	0	0.0
19	1 Alt.-St.	0	0	0	0.3
20	3 St.-Cu.	1 St.-Cu.	1 Ci.-St.	0	1.3
21	5 St.-Cu.	3 Ci.-St.	6 Ci.-St.	0	3.7
22	7 St.-Cu.	2 St.-Cu.	4 Cu.	0	3.7
23	1 St.-Cu.	1 St.-Cu.	1 St.-Cu.	0	0.7
24	4 Cu.	1 St.-Cu.	2 Ni.	0	2.0
25	7 St.-Cu.	7 St.-Cu.	2 Cu.	0	3.0
26	0	3 Cu.	1 Cu.	0	0.3
27	2 St.-Cu.	9 Alt.-Cu.	1 Ci.-St.	2 Ci.-St.	1.7
28	8 St.-Cu.	4 Ci.-St.	10 St.-Cu.	0	6.0
29	1 St.-Cu.	0	0	0	0.3
30	0	0	0	0	0.0
Mean	3.87	3.20	2.97	1.13	2.65

December, 1900.

DATE	HOURS OF OBSERVATION				MEAN
	6 ^a	8 ^a	2 ¹ p	9 ^p	
1	9 St.-Cu.	2 Alt.-St.	8 Cu.-Ni.	10 Alt.-Cu.	9.0
2	10 St.-Cu.	1 Alt.-Cu.	0	10 Ci.	6.7
3	10 Mist.	0	0	0	3.3
4	10 Mist.	10 Mist.	0	6 Alt.-Cu.	5.3
5	1 St.	10 Ni.	9 Fr.-Cu.	10 Alt.-St.	6.7
6	10 Alt.-St.	10 Alt.-St.	10 Fr.-Ni.	10 Fr.-Ni.	10.0
7	10 Fr.-Ni.	10 St.-Cu.	8 St.-Cu.	10 St.-Cu.	9.3
8	3 Ci.-Cu.	6 Cu.-Ni.	0	0	1.0
9	1 St.	0	0	2 Cu.	1.0
10	0	1 St.-Cu.	7 Cu.-Ni.	3 Cu.-Ni.	3.3
11	6 Cu.-Ni.	7 Alt.-Cu.	2 Cu.	4 St.-Cu.	4.0
12	10 Fr.-Ni.	9 Fr.-Ni.	8 Cu.-Ni.	0	6.0
13	1 Cu.-Ni.	8 Cu.-Ni.	5 Cu.	0	2.0
14	0	1 St.-Cu.	4 Cu.-Ni.	0	1.3
15	0	0	4 Cu.	0	1.3
16	10 Mist.	1 St.-Cu.	3 Cu.-Ni.	0	4.3
17	10 Mist.	10 Mist.	9 Cu.	5 Ni.	8.0
18	3 Ni.	10 Fr.-Ni.	10 Ni.	10 Fr.-Ni.	7.7
19	2 Cu.-Ni.	9 Fr.-Ni.	8 St.-Cu.	8 Fr.-Ni.	6.0
20	9 Fr.-Ni.	7 Fr.-Ni.	10 Fr.-Ni.	0	6.3
21	8 Fr.-Ni.	7 St.-Cu.	10 St.-Cu.	0	6.0
22	1 St.-Cu.	0	6 Cu.-Ni.	0	2.3
23	10 St.-Cu.	10 Fr.-Ni.	10 Fr.-Ni.	10 Fr.-Ni.	10.0
24	10 Fr.-Ni.	10 Fr.-Ni.	10 Fr.-Ni.	0	6.7
25	10 St.-Cu.	10 Fr.-Ni.	10 St.-Cu.	8 St.-Cu.	9.3
26	7 Fr.-Ni.	10 Fr.-Ni.	10 Cu.-Ni.	2 Ci.	6.3
27	3 Ci.	0	2 Cu.	7 Cu.	4.0
28	1 St.-Cu.	3 Cu.	8 Cu.-Ni.	0	3.0
29	0	10 Fog.	2 Cu.	0	0.7
30	6 St.-Cu.	0	4 Ci.-St.	0	3.3
31	0	3 Cu.	1 Ci.-St.	0	0.3
Mean	5.52	5.65	5.74	3.71	4.98

Actinometric Observations

Daily, at 14 h. 30 m.

1, bright bulb; 2, black bulb; 3, difference.

DATE	JANUARY			FEBRUARY			MARCH			APRIL			MAY			JUNE		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
1	26.9	40.5	13.6	31.8	46.0	14.2	35.4	49.8	14.4	43.0	57.5	14.5	42.0	55.2	13.2	38.0	40.0	2.0
2	22.4	32.6	10.2	29.0	41.0	12.0	39.0	55.0	16.0	27.5	35.6	8.1	44.0	59.5	15.5	36.0	45.5	9.5
3	4.5	27.2	22.7	26.2	35.0	8.8	37.5	52.7	15.2	32.0	45.0	13.0	42.0	55.0	13.0	39.5	55.5	16.0
4	27.2	39.5	12.3	24.8	33.2	8.4	38.0	51.0	13.0	35.5	51.2	15.7	45.0	57.8	12.8	35.0	45.0	10.0
5	29.8	43.0	13.2	31.2	46.0	14.8	24.4	50.0	25.6	28.0	36.5	8.5	40.0	54.0	14.0	37.0	44.0	7.0
6	32.0	47.2	15.2	20.5	24.5	4.0	33.0	46.0	13.0	26.0	28.5	2.5	35.0	48.0	13.0	46.5	60.0	13.5
7	29.8	42.2	12.4	28.0	41.0	13.0	38.8	54.9	16.1	34.5	56.2	21.7	35.0	47.0	12.0	48.0	60.0	12.0
8	24.0	29.0	5.0	28.6	44.0	15.4	23.0	32.0	9.0	35.5	52.0	16.5	38.0	54.0	16.0	47.0	60.0	13.0
9	29.5	43.0	13.5	32.0	47.6	15.6	23.5	32.0	8.5	33.0	45.0	12.0	37.0	50.0	13.0	46.0	60.0	14.0
10	30.0	45.0	15.0	34.3	48.5	14.2	19.3	23.2	3.9	38.0	51.0	13.0	40.0	52.0	12.0	40.0	50.0	10.0
11	28.8	43.2	14.4	34.0	48.2	14.2	27.0	40.7	13.7	33.2	47.0	13.8	47.5	62.5	15.0	41.0	50.2	9.2
12	28.5	43.0	14.5	24.2	34.8	10.6	25.0	40.0	15.0	34.0	46.0	12.0	41.0	53.0	12.0	42.0	52.0	10.0
13	29.8	45.8	16.0	30.2	46.0	15.8	23.5	34.0	10.5	25.0	35.2	10.2	36.0	47.2	11.2	40.0	52.2	12.2
14	31.0	46.0	15.0	24.0	29.6	5.6	30.8	46.0	15.2	32.3	47.5	15.2	38.0	53.0	15.0	40.0	50.0	10.0
15	28.0	42.4	14.4	33.9	49.0	15.1	31.6	46.4	14.8	32.0	46.0	14.0	37.0	47.0	10.0	40.0	53.0	13.0
16	27.4	45.0	15.6	23.0	28.5	5.5	27.0	34.0	7.0	26.4	35.2	8.8	41.3	56.0	14.7	39.0	50.0	11.0
17	22.8	32.5	9.7	28.0	42.0	14.0	31.8	48.5	16.7	32.0	45.0	13.0	42.4	53.0	10.6	40.2	54.0	13.8
18	25.0	37.0	12.0	29.7	43.7	14.0	33.0	47.0	14.0	31.0	45.0	14.0	40.8	46.0	5.2	40.0	50.0	10.0
19	16.5	20.0	3.5	29.8	44.2	14.4	38.0	55.0	17.0	31.2	44.0	12.8	33.6	39.2	5.6	37.0	49.2	12.2
20	30.2	45.2	15.0	22.0	32.1	10.1	34.0	51.0	17.0	36.2	52.8	16.6	38.0	53.0	15.0	39.0	51.0	12.0
21	0.0	0.0	0.0	33.0	48.4	15.4	31.0	48.3	17.3	36.0	50.0	14.0	40.0	55.5	15.5	42.0	56.0	14.0
22	10.0	11.2	1.2	29.5	41.0	11.5	27.6	39.0	11.4	40.2	55.0	14.8	41.5	56.5	15.0	42.0	52.0	10.0
23	25.4	41.2	15.8	23.0	30.5	7.5	34.0	50.0	16.0	40.0	51.1	11.1	42.2	55.4	13.2	43.2	55.0	11.8
24	28.0	42.0	14.0	25.0	39.0	14.0	33.6	48.0	14.4	30.2	41.3	11.1	39.5	53.5	14.0	44.0	56.0	12.0
25	26.8	35.0	12.2	12.4	12.8	0.4	32.9	42.1	9.2	36.0	49.0	13.0	33.0	44.0	11.0	42.0	52.2	10.2
26	32.0	47.2	15.2	19.3	25.3	6.0	30.0	35.0	5.0	38.2	52.0	13.8	37.5	52.0	14.5	42.0	54.0	12.0
27	26.3	38.3	12.0	30.0	44.0	14.0	38.0	52.5	14.5	40.0	55.0	15.0	34.0	44.0	10.0	45.0	59.0	14.0
28	28.0	42.0	14.0	25.0	36.4	11.4	37.0	52.0	15.0	45.2	59.2	14.0	35.0	41.0	6.0	42.8	56.0	13.2
29	29.4	45.0	15.6				36.0	49.0	13.0	44.0	57.0	13.0	37.0	43.5	6.5	44.0	56.0	12.0
30	33.0	48.0	15.0				43.5	59.0	13.5	40.0	50.0	10.0	30.0	40.0	10.0	46.5	60.0	13.5
31	30.8	46.5	16.2				39.0	52.0	13.0				36.2	46.6	10.4			
Mean	25.59	38.31	12.72	27.23	38.65	11.42	32.20	45.68	13.48	34.54	47.39	12.86	38.69	50.79	12.09	41.49	52.93	11.44

Actinometric Observations.

Daily, at 14 h. 30 m.

1, bright bulb; 2, black bulb; 3, difference.

DATE	JULY			AUGUST			SEPTEMBER			OCTOBER			NOVEMBER			DECEMBER		
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3
1	46.0	59.0	13.0	43.0	55.0	12.0	42.5	56.5	14.0	37.0	50.8	13.8	35.0	48.0	8.0	85.0	47.6	12.6
2	44.0	56.0	12.0	45.0	59.0	14.0	39.0	51.0	12.0	37.0	49.0	12.0	34.0	42.0	8.0	83.0	44.2	11.2
3	42.5	56.0	13.5	42.0	52.0	10.0	40.0	54.0	14.0	32.5	36.5	4.0	27.0	38.0	6.0	32.6	44.7	12.1
4	41.0	52.0	11.0	43.5	56.5	13.0	38.0	50.0	12.0	42.0	58.0	16.0	35.0	49.0	14.0	31.5	44.2	12.7
5	41.0	53.0	12.0	43.0	55.0	12.0	39.0	51.0	12.0	38.0	48.0	10.0	35.0	49.0	14.0	29.6	38.2	8.6
6	45.0	59.5	14.5	45.0	58.0	13.0	39.0	51.0	12.0	39.0	52.0	13.0	33.0	45.2	12.2	24.8	27.9	3.1
7	45.0	58.0	13.0	40.0	52.0	12.0	41.0	54.5	13.5	38.5	55.0	16.5	38.0	46.0	13.0	22.0	26.5	4.5
8	42.0	52.0	10.0	42.5	57.0	14.5	39.0	50.0	11.0	39.0	52.0	13.0	34.0	47.5	13.5	28.0	39.5	11.5
9	43.5	58.0	14.5	40.0	52.0	12.0	41.0	54.0	13.0	39.0	53.0	14.0	32.0	45.0	13.0	28.2	39.9	11.7
10	40.0	50.0	10.0	43.0	58.0	15.0	41.0	53.0	12.0	38.5	51.2	12.7	29.5	39.5	10.0	25.8	32.4	6.6
11	43.0	58.0	15.0	40.0	52.0	12.0	39.0	51.0	12.0	37.5	50.0	12.5	33.0	47.0	14.0	27.6	40.2	12.6
12	40.0	50.0	10.0	44.0	59.0	15.0	41.5	55.5	14.0	39.0	53.5	14.5	32.5	41.0	8.5	19.0	22.0	3.0
13	40.5	56.0	15.5	44.0	56.0	12.0	41.0	55.0	14.0	38.3	51.9	13.6	35.6	49.7	14.1	27.0	39.2	12.2
14	40.0	50.0	10.0	43.5	58.0	14.5	38.5	50.0	11.5	35.0	47.0	12.0	23.0	24.5	1.5	25.0	34.5	9.5
15	45.0	59.0	14.0	42.0	54.0	12.0	39.0	53.0	14.0	33.0	44.5	11.5	35.0	48.5	13.5	28.0	40.0	12.0
16	46.0	58.0	12.0	41.5	55.5	14.0	36.0	54.0	18.0	36.0	49.8	13.8	32.0	44.6	12.6	29.2	42.8	18.6
17	43.0	56.0	13.0	40.0	52.0	12.0	37.0	49.0	12.0	34.0	46.0	12.0	31.0	42.0	11.0	22.0	29.0	7.0
18	40.0	50.0	10.0	42.0	57.0	15.0	38.5	53.0	14.5	39.0	55.0	16.0	32.0	44.0	12.0	19.0	23.8	4.8
19	44.0	58.0	14.0	40.0	52.0	12.0	35.2	45.0	9.8	37.0	50.5	13.5	34.0	46.8	12.8	17.5	19.5	2.0
20	40.0	50.0	10.0	44.0	57.0	13.0	37.0	49.0	12.0	38.8	51.0	12.2	36.0	47.0	11.0	19.8	20.3	0.5
21	42.0	58.5	16.5	41.0	53.0	12.0	39.0	52.0	13.0	40.0	52.0	12.0	32.0	53.0	21.0	20.0	23.0	3.0
22	42.0	52.0	10.0	45.0	58.0	13.0	38.6	52.2	13.6	39.0	51.6	12.6	32.5	45.0	12.5	26.5	37.7	11.2
23	45.0	59.0	14.0	40.0	52.0	12.0	37.0	49.0	12.0	37.9	50.0	12.1	32.0	44.0	12.0	14.0	14.3	0.3
24	42.0	52.0	10.0	42.5	56.5	14.0	39.0	52.0	18.0	37.5	51.0	13.5	30.0	52.0	20.0	16.8	18.0	1.2
25	42.0	58.0	16.0	41.0	53.0	12.0	38.0	51.0	13.0	38.0	52.0	14.0	30.2	44.0	13.8	17.0	19.0	2.0
26	42.0	52.0	10.0	44.5	58.0	13.5	35.0	47.0	12.0	28.7	34.0	5.3	30.5	43.5	18.0	21.0	27.0	6.0
27	45.0	60.0	15.0	41.0	53.0	12.0	38.0	51.0	18.0	36.5	49.5	13.0	28.5	38.5	10.0	27.0	40.0	13.0
28	44.0	54.0	10.0	45.0	58.5	13.5	37.5	51.5	14.0	39.2	52.0	12.8	23.0	27.0	4.0	26.5	38.3	11.8
29	46.5	60.0	13.5	42.0	52.0	10.0	37.0	49.0	12.0	40.0	46.0	6.0	31.0	45.0	14.0	27.0	40.5	13.5
30	44.0	54.0	10.0	45.0	58.0	18.0	40.0	53.5	18.5	38.0	52.0	14.0	31.2	42.0	10.8	26.0	37.5	11.5
31	45.5	59.0	13.5	48.0	55.0	12.0				34.5	44.5	10.0				25.5	37.0	11.5
Mean	42.95	55.39	12.44	42.52	55.29	12.77	38.71	51.59	12.88	37.34	49.65	12.32	31.82	43.61	11.79	24.90	33.18	8.28

Earth Temperature.

Daily, at 14 h. 30 m., and at depths x metres.

DATE	JANUARY				FEBRUARY				MARCH				APRIL			
	x				x				x				x			
	0.25	0.55	0.85	1.15	0.25	0.55	0.85	1.15	0.25	0.55	0.85	1.15	0.25	0.55	0.85	1.15
1	16.1	16.9	18.1	19.2	14.9	16.2	17.1	18.0	14.5	15.7	17.1	18.0	26.7	26.2	25.0	24.0
2	15.6	16.9	18.2	19.2	15.8	16.5	17.3	18.1	15.7	16.3	17.2	18.0	27.0	26.4	25.3	24.1
3	15.4	16.8	18.2	19.2	16.4	16.9	17.5	18.2	17.3	17.3	17.7	18.1	27.5	26.8	25.4	24.2
4	15.8	16.8	18.2	19.0	16.4	17.1	17.7	18.3	18.4	18.2	18.2	18.4	27.8	27.0	25.8	24.4
5	15.8	17.0	18.2	19.1	16.6	17.2	17.7	18.3	19.6	19.1	18.6	18.6	28.6	27.4	26.1	24.7
6	15.8	16.8	18.2	19.0	16.6	17.2	17.7	18.3	18.4	19.2	19.2	18.9	27.2	27.3	26.2	24.8
7	15.5	17.0	18.2	19.1	16.3	17.2	17.8	18.4	19.0	19.2	19.3	19.2	26.3	26.7	26.2	25.0
8	15.9	17.0	18.1	19.0	16.0	17.1	17.8	18.3	18.3	19.1	19.2	19.2	25.5	26.4	25.9	24.9
9	16.0	16.8	17.6	18.4	15.8	16.9	17.8	18.3	19.3	19.7	19.6	19.5	25.3	25.4	25.6	24.8
10	16.4	17.3	18.2	19.0	16.2	17.1	17.9	18.5	18.4	18.9	19.4	19.4	26.0	26.2	25.8	24.7
11	15.7	17.1	18.2	19.0	16.4	17.4	17.9	18.5	18.5	18.7	19.3	19.6	26.8	26.4	25.7	24.8
12	15.6	16.8	18.2	19.0	17.0	17.6	18.1	18.5	16.9	17.3	19.1	19.4	28.3	27.2	26.0	25.0
13	15.8	16.4	17.2	18.0	16.7	17.5	18.2	18.6	16.4	17.8	18.9	19.4	28.0	27.5	26.3	25.2
14	14.7	16.5	17.8	18.7	18.0	17.7	18.2	18.6	16.2	17.7	18.7	19.2	27.2	27.4	26.5	25.3
15	14.7	16.3	17.7	18.7	18.1	17.7	18.3	18.6	16.6	17.7	18.7	19.0	27.2	27.2	26.4	25.4
16	14.5	16.2	17.5	18.7	17.9	17.6	18.3	18.6	17.7	18.4	18.6	19.5	27.2	27.2	26.2	25.5
17	14.0	15.8	17.3	18.5	17.4	18.1	18.4	18.8	17.8	18.8	19.0	19.2	27.0	27.4	26.5	25.5
18	14.5	15.8	17.8	18.3	17.1	18.0	18.5	18.9	16.7	18.7	19.0	19.2	28.7	27.7	26.7	25.5
19	14.6	15.9	17.1	18.3	18.0	18.1	18.4	18.8	18.0	19.0	19.2	19.3	29.0	28.3	27.0	25.7
20	14.5	15.8	17.0	18.3	18.0	18.4	18.7	18.9	19.4	19.4	19.4	19.4	27.6	27.9	27.1	25.9
21	0	0	0	0	17.4	18.3	18.7	19.0	18.9	19.5	19.6	19.5	27.3	27.6	26.9	26.0
22	16.0	16.3	17.1	18.2	16.7	18.4	18.7	18.9	18.6	19.4	19.7	19.7	27.5	27.5	26.9	25.9
23	13.9	16.0	17.4	18.2	18.4	18.6	18.7	19.0	18.7	19.4	19.6	19.7	27.8	27.7	26.8	25.8
24	14.2	15.6	17.0	18.1	17.3	18.4	18.8	19.1	19.3	19.7	19.8	19.8	27.3	27.6	27.0	26.2
25	14.4	15.7	17.0	18.2	16.4	17.7	18.6	19.0	19.8	20.2	20.0	19.8	27.9	27.8	27.0	26.0
26	14.5	15.7	16.9	18.0	14.7	15.9	17.1	17.8	20.9	20.5	20.0	20.0	26.7	27.2	26.8	26.0
27	14.9	16.0	17.1	18.0	14.2	15.8	17.1	18.0	21.2	21.0	20.7	19.2	27.0	27.2	26.2	25.9
28	15.2	16.3	17.1	18.1	14.2	15.7	17.0	18.0	21.5	21.4	20.9	20.4	27.5	27.3	26.7	25.8
29	14.9	16.3	17.3	18.1					22.0	21.7	21.0	20.6	27.4	27.2	26.8	26.0
30	14.7	16.2	17.2	18.2					22.3	22.3	21.5	20.9	28.2	27.6	26.8	25.9
31	14.8	16.2	17.2	18.1					23.2	22.8	21.9	21.1	27.0	27.3	26.8	26.0
Mean	15.15	16.41	17.61	18.56	16.60	17.72	18.06	18.44	18.73	19.17	19.36	19.39	27.63	27.16	26.34	25.32

Earth Temperature.

Daily, at 14 h. 30 m., and at depths x metres.

DATE	MAY				JUNE				JULY				AUGUST			
	x				x				x				x			
	0.25	0.55	0.85	1.15	0.25	0.55	0.85	1.15	0.25	0.55	0.85	1.15	0.25	0.55	0.85	1.15
1	27.2	27.2	26.8	26.0	31.4	31.0	29.7	28.5	32.0	32.0	31.2	30.0	23.4	23.0	22.1	21.3
2	27.2	27.4	26.8	26.0	31.5	31.2	29.9	28.6	31.9	31.9	31.1	30.0	21.2	21.0	20.7	19.2
3	27.2	27.3	27.4	26.1	31.2	31.2	30.0	28.8	32.0	32.0	31.0	30.0	22.7	23.1	22.5	21.7
4	27.3	27.4	27.2	26.0	31.4	31.0	30.0	28.1	31.6	31.9	31.6	30.1	22.0	22.6	22.3	21.7
5	27.7	27.5	27.0	26.2	31.1	31.0	30.0	28.9	31.4	31.7	31.0	30.0	21.8	22.4	22.2	21.7
6	28.3	27.2	27.1	26.1	31.2	31.0	30.1	28.9	31.4	31.6	31.0	30.0	22.2	22.1	22.0	19.7
7	29.0	28.5	27.3	26.4	31.7	31.3	30.2	29.0	31.3	31.6	31.0	30.0	19.6	22.0	22.0	21.7
8	29.7	28.9	27.7	26.5	31.8	31.3	30.2	29.0	31.3	31.5	30.9	30.0	23.1	22.7	22.1	21.7
9	30.1	29.3	27.9	26.7	31.7	31.5	30.4	29.1	31.3	31.4	30.9	30.0	22.2	22.8	22.4	21.8
10	30.0	29.4	28.2	27.0	31.5	31.5	30.4	29.2	31.2	31.4	30.8	30.0	22.0	22.5	22.4	21.9
11	29.6	29.0	28.2	27.2	31.2	31.4	30.5	29.2	31.2	31.4	30.8	30.0	22.2	22.6	22.4	21.9
12	29.6	29.1	28.3	27.2	30.8	31.1	30.4	29.3	31.2	31.4	30.7	29.9	22.1	22.7	22.4	22.0
13	29.6	29.3	28.4	27.2	31.0	31.1	30.3	29.2	31.4	31.4	30.3	30.0	22.4	22.6	22.5	22.0
14	29.4	29.3	28.3	27.2	30.7	31.0	30.3	29.3	31.3	31.5	30.8	29.8	21.8	22.6	22.6	22.2
15	29.2	29.2	28.4	27.3	30.8	31.0	30.3	29.2	31.1	31.4	30.6	30.0	21.7	22.6	22.6	22.1
16	28.7	29.0	28.3	27.3	31.2	31.2	30.2	29.2	30.8	31.2	30.8	29.9	21.9	22.0	22.5	22.0
17	28.7	29.0	28.3	27.2	31.4	31.2	30.4	29.2	30.6	31.1	30.7	30.0	21.6	22.5	22.5	22.2
18	28.8	28.9	28.3	27.3	30.9	31.2	29.8	29.3	30.6	31.1	30.6	29.9	21.8	22.4	22.4	22.2
19	29.0	29.2	28.6	27.4	31.0	31.1	30.4	29.4	30.6	31.0	30.6	29.9	22.8	22.7	22.6	22.2
20	29.0	28.8	28.4	27.4	31.2	31.2	30.3	29.4	30.8	31.0	30.6	29.9	22.4	22.9	22.7	22.3
21	29.3	29.4	28.4	27.4	31.2	31.3	30.4	29.4	30.8	31.1	30.6	29.9	22.6	22.6	22.8	22.3
22	29.6	29.5	28.5	27.5	31.2	31.3	30.5	29.4	31.4	31.3	30.7	29.9	22.8	22.7	22.9	22.5
23	30.0	29.8	28.6	27.7	31.5	31.3	30.5	29.4	31.2	31.4	30.7	30.0	22.4	22.6	22.5	22.2
24	30.2	30.0	29.0	27.7	31.4	31.5	30.6	29.6	31.1	31.4	30.8	30.0	24.6	24.2	23.4	22.7
25	30.2	30.2	28.8	27.8	31.2	31.4	30.5	29.5	30.9	31.3	30.8	30.0	23.4	24.1	23.6	22.9
26	30.5	30.2	29.2	28.0	31.0	31.2	30.6	29.6	31.0	31.3	30.8	30.0	23.5	23.9	23.6	23.0
27	31.0	30.5	29.3	28.1	31.2	31.3	30.6	29.6	31.1	31.3	30.8	30.0	24.2	24.2	23.7	22.9
28	30.8	30.7	29.5	28.3	31.6	31.4	30.6	29.6	31.0	31.3	30.8	30.0	25.7	24.7	24.0	23.2
29	30.8	30.7	29.6	28.3	32.0	31.7	30.7	29.7	31.0	31.2	30.8	28.9	26.1	25.6	24.5	23.4
30	30.9	30.7	29.7	28.5	32.3	32.0	30.9	29.8	30.9	31.2	30.8	30.0	26.4	25.8	23.6	22.9
31					32.2	32.1	31.0	29.8	30.7	31.2	30.7	30.0				
Mean	29.29	29.09	28.25	27.17	31.34	31.29	30.35	29.21	31.46	31.40	30.82	29.94	22.75	23.01	22.68	22.05

Earth Temperature.

Daily, at 14 h. 30 m., and at depths x metres.

DATE	SEPTEMBER				OCTOBER				NOVEMBER				DECEMBER			
	x				x				x				x			
	0.25	0.55	0.85	1.15	0.25	0.55	0.85	1.15	0.25	0.55	0.85	1.15	0.25	0.55	0.85	1.15
1	30.7	31.1	30.8	30.0	27.3	28.0	28.3	28.3	25.5	26.2	26.6	26.7	20.0	21.1	22.3	23.0
2	30.5	31.0	30.7	30.0	27.1	28.0	28.4	28.2	25.1	26.1	26.6	26.7	21.2	21.3	22.2	23.0
3	29.9	30.7	30.6	30.0	27.3	28.0	28.3	28.2	24.6	25.8	26.5	26.7	21.1	21.7	22.5	23.1
4	29.6	30.5	30.4	29.9	27.4	28.0	28.3	28.2	24.2	25.5	26.3	26.5	21.0	21.7	22.5	23.1
5	29.4	30.3	30.3	29.8	27.3	28.1	28.3	28.1	24.0	25.4	26.2	26.4	20.6	21.7	22.6	23.0
6	29.5	30.2	30.2	29.7	27.2	28.0	27.3	29.1	23.8	25.2	26.0	26.2	20.4	21.5	22.5	23.0
7	29.7	30.2	30.1	29.6	27.2	28.0	28.2	28.1	23.5	24.9	25.8	26.2	20.2	21.3	22.3	23.8
8	29.5	30.2	30.1	29.6	27.2	27.9	28.2	28.0	23.3	24.7	25.7	26.1	19.5	21.1	22.2	22.9
9	29.4	30.1	30.0	29.6	27.3	28.0	28.2	28.0	23.2	24.5	25.5	26.0	18.9	20.7	22.0	22.7
10	29.5	30.2	30.0	29.5	27.3	27.8	28.0	27.9	23.3	24.4	25.3	25.8	18.8	20.4	21.8	22.5
11	29.4	30.1	30.0	29.5	27.3	27.9	28.1	27.9	22.7	24.3	25.3	25.7	18.8	20.3	21.6	22.4
12	29.2	30.1	29.9	29.5	27.2	27.9	28.1	27.9	22.5	24.0	25.0	25.5	18.7	20.2	21.5	22.2
13	29.5	29.9	29.9	29.4	26.9	27.9	28.0	27.8	22.4	23.9	24.9	25.4	18.2	20.0	21.3	22.2
14	29.3	30.0	29.9	29.4	26.9	27.8	28.1	27.8	22.2	23.7	24.8	25.3	18.0	19.8	21.2	22.1
15	28.8	29.6	29.8	29.4	26.4	27.5	28.0	27.7	21.8	23.2	24.4	25.2	17.8	19.6	21.0	22.0
16	28.6	29.5	29.6	29.3	25.7	27.3	27.7	27.7	22.5	23.5	24.4	25.0	17.8	19.5	20.9	21.9
17	28.4	29.3	29.5	29.2	25.7	26.9	27.5	27.6	22.2	23.4	24.3	24.9	17.8	19.4	20.8	21.8
18	27.9	29.1	29.4	29.1	25.7	26.8	27.4	27.5	22.0	23.2	24.3	24.8	17.6	19.3	20.7	21.6
19	27.6	28.9	29.2	29.0	25.8	26.7	27.2	27.4	21.8	23.1	24.2	24.7	16.9	18.9	20.5	21.5
20	27.8	28.8	29.1	28.9	26.1	26.7	27.2	27.3	21.9	23.1	24.1	24.7	16.7	18.6	20.2	21.2
21	27.9	28.7	29.0	28.8	26.6	26.9	27.3	27.2	21.9	23.0	24.0	24.5	17.1	18.6	20.1	21.1
22	27.8	28.7	28.8	28.8	26.7	27.0	27.3	27.2	21.1	22.7	23.8	24.4	16.9	18.6	20.0	21.1
23	27.8	28.7	28.9	28.7	26.4	27.1	27.3	27.2	21.5	22.9	23.9	24.5	16.7	18.5	19.9	21.0
24	27.7	28.6	28.9	28.7	26.2	27.1	27.3	27.3	20.7	22.4	23.5	24.2	15.9	18.0	19.7	20.8
25	27.7	28.5	28.6	28.6	26.0	26.8	27.3	27.3	20.4	22.1	23.4	24.1	15.6	17.4	19.3	20.6
26	27.7	28.6	28.7	28.6	26.2	26.8	27.2	27.1	20.2	21.9	23.7	24.0	15.7	17.4	19.1	20.4
27	27.4	28.4	28.7	28.5	25.6	26.6	27.2	27.6	20.2	21.7	23.0	23.8	15.3	17.3	19.0	20.2
28	27.2	28.4	28.5	28.5	25.4	26.5	27.0	27.0	20.2	21.6	22.8	23.6	15.6	17.2	18.9	20.1
29	27.1	28.2	28.5	28.4	25.4	26.4	26.9	26.9	19.9	21.4	22.7	23.6	15.7	17.3	18.8	20.0
30	27.2	28.1	28.4	28.3	25.2	26.3	26.8	26.9	19.5	21.3	22.5	23.2	15.7	17.4	18.8	19.9
31					25.6	26.2	26.2	26.7					15.2	17.2	18.8	19.8
Mean	28.66	29.49	29.55	29.21	26.50	27.32	27.63	27.65	22.27	23.64	24.65	25.15	17.92	19.45	20.81	21.71

Evaporation per hour, and day's total in Millimetres.

1900.

DATE	JANUARY					FEBRUARY					MARCH					APRIL				
	6 h.	8 h.	14 h. $\frac{1}{2}$	21 h.	Day's Total	6 h.	8 h.	14 h. $\frac{1}{2}$	21 h.	Day's Total	6 h.	8 h.	14 h. $\frac{1}{2}$	21 h.	Day's Total	6 h.	8 h.	14 h. $\frac{1}{2}$	21 h.	Day's Total
1	0.0	0.0	0.11	0.15	1.7	0.01	0.0	0.02	0.05	0.5	0.06	0.05	0.24	0.30	4.2	0.11	0.05	0.35	0.49	6.6
2	0.01	0.0	0.06	0.62	1.0	0.01	0.0	0.03	0.09	0.9	0.52	0.15	0.44	0.38	8.0	0.24	0.35	0.38	0.06	5.8
3	0.01	0.0	0.15	0.82	1.7	0.02	0.0	0.06	0.09	1.1	0.18	0.10	0.38	0.20	5.6	0.06	0.10	0.40	0.37	5.3
4	0.02	0.0	0.12	0.15	1.1	0.01	0.0	0.05	0.03	0.6	0.10	0.30	0.64	0.44	8.8	0.06	0.15	0.52	0.43	7.0
5	0.01	0.0	0.09	0.09	1.3	0.04	0.0	0.03	0.05	0.7	0.60	0.05	0.20	0.24	8.4	0.15	0.20	0.25	0.21	4.8
6	0.02	0.0	0.05	0.13	1.4	0.02	0.05	0.50	0.13	1.1	0.02	0.03	0.28	0.40	4.7	0.09	0.10	0.31	0.31	5.0
7	0.01	0.0	0.09	0.05	1.1	0.01	0.0	0.03	0.03	0.5	0.20	0.00	0.82	0.26	9.0	0.06	0.05	0.46	0.43	6.4
8	0.02	0.0	0.15	0.12	2.0	0.01	0.0	0.04	0.14	0.4	0.05	0.03	0.34	0.22	4.2	0.15	0.20	0.54	0.42	8.0
9	0.07	0.15	0.17	0.09	2.6	0.01	0.0	0.03	0.03	0.5	0.06	0.07	0.34	0.24	4.6	0.04	0.20	0.49	0.51	7.3
10	0.04	0.05	0.15	0.14	2.4	0.02	0.0	0.20	0.08	1.6	0.11	0.04	0.22	0.24	4.0	0.07	0.05	0.34	0.51	6.2
11	0.07	0.10	0.17	0.09	2.5	0.02	0.0	0.04	0.08	1.0	0.06	0.05	0.44	0.82	5.3	0.04	0.00	0.37	0.34	5.2
12	0.04	0.05	0.14	0.09	2.0	0.06	0.0	0.20	0.08	1.7	0.05	0.07	0.34	0.18	3.9	0.11	0.05	0.66	0.06	5.8
13	0.01	0.05	0.09	0.09	1.4	0.04	0.05	0.14	0.09	0.9	0.03	0.10	0.28	0.22	3.7	0.16	0.05	0.48	0.34	6.8
14	0.01	0.0	0.08	0.09	1.2	0.01	0.0	0.09	0.07	1.1	0.05	0.13	0.26	0.20	3.8	0.04	0.10	0.34	0.41	5.5
15	0.03	0.0	0.12	0.14	2.0	0.02	0.0	0.06	0.12	1.4	0.05	0.15	0.30	0.18	3.9	0.02	0.05	0.34	0.42	5.2
16	0.02	0.0	0.05	0.08	1.0	0.03	0.05	0.14	0.08	1.8	0.08	0.30	0.44	0.34	6.4	0.16	0.10	0.28	0.43	6.2
17	0.01	0.0	0.05	0.03	0.6	0.03	0.03	0.05	0.05	1.0	0.03	0.01	0.20	0.16	2.8	0.03	0.01	0.31	0.35	4.7
18	0.02	0.0	0.06	0.06	1.0	0.01	0.0	0.10	0.10	1.4	0.02	0.05	0.19	0.29	3.4	0.03	0.15	0.34	0.38	5.3
19	0.02	0.0	0.02	0.01	0.4	0.14	0.2	0.15	0.14	3.6	0.04	0.02	0.26	0.26	3.8	0.04	0.05	0.40	0.45	6.0
20	0.02	0.0	0.05	0.08	1.0	0.04	0.05	0.12	0.06	1.6	0.16	0.15	0.23	0.28	5.0	0.08	0.05	0.43	0.46	6.6
21	0.01	0.0				0.00	0.02	0.09	0.08	1.2	0.02	0.10	0.30	0.17	3.5	0.07	0.10	0.55	0.55	8.0
22	0.0	0.0	0.0	0.10	0.1	0.03	0.05	0.12	0.14	2.0	0.02	0.05	0.17	0.37	2.4	0.09	0.10	0.57	0.54	8.2
23	0.01	0.0	0.40	0.10	0.3	0.14	0.05	0.08	0.11	2.6	0.03	0.00	0.26	0.28	3.8	0.07	0.10	0.65	0.09	5.6
24	0.01	0.01	0.04	0.01	0.5	0.03	0.05	0.06	0.06	1.2	0.09	0.10	0.34	0.23	4.7	0.24	0.30	0.57	0.28	8.3
25	0.01	0.03	0.03	0.98	6.8	0.02	0.0	0.00	0.00	0.2	0.03	0.00	0.28	0.29	4.0	0.11	0.20	0.45	0.46	7.0
26	0.03	0.0	0.02	0.03	0.6	0.00	0.0	0.06	0.04	0.6	0.17	0.32	0.72	0.32	9.0	0.09	0.10	0.70	0.17	6.5
27	0.01	0.0	0.05	0.06	0.8	0.00	0.02	0.02	0.05	0.5	0.09	0.60	0.31	0.37	5.6	0.22	0.05	0.52	0.58	9.4
28	0.03	0.05	0.09	0.06	1.4	0.00	0.0	0.14	0.10	1.6	0.03	0.25	0.31	0.26	4.5	0.49	0.30	0.55	0.52	12.0
29	0.01	0.0	0.06	0.08	1.0						0.24	0.75	0.96	0.40	5.4	0.16	0.15	0.60	0.54	8.5
30	0.01	0.0	0.02	0.06	0.6						0.16	0.12	0.31	0.26	12.6	0.23	0.20	0.54	0.49	8.6
31	0.01	0.0	0.02	0.05	0.5						0.08	0.10	0.43	0.48	6.8					
Sum	0.59	0.49	2.70	3.65	42.0	0.78	0.62	2.65	2.17	33.3	3.43	4.24	11.23	9.28	165.8	3.51	3.66	13.69	11.60	201.8
Mean	0.02	0.02	0.09	0.12	1.35	0.03	0.02	0.09	0.08	1.15	0.11	0.14	0.36	0.30	5.35	0.12	0.12	0.46	0.39	6.73

Evaporation per hour, and day's total in Millimetres.

1900.

Date	MAY					JUNE					JULY					AUGUST				
	6 h.	8 h.	14 h. $\frac{1}{2}$	21 h.	Day's Total	6 h.	8 h.	14 h. $\frac{1}{2}$	21 h.	Day's Total	6 h.	8 h.	14 h. $\frac{1}{2}$	21 h.	Day's Total	6 h.	8 h.	14 h. $\frac{1}{2}$	21 h.	Day's Total
1	0.17	0.15	0.52	0.62	9.2	0.10	0.10	0.45	0.49	7.2	0.14	0.05	0.46	1.03	11.2	0.80	0.10	0.37	0.57	7.1
2	0.22	0.10	0.61	0.65	10.4	0.14	0.05	0.40	0.44	7.0	0.08	0.15	0.55	0.52	8.0	0.11	0.05	0.41	0.55	7.4
3	0.32	0.10	0.83	0.77	13.5	0.10	0.10	0.26	0.47	5.2	0.08	0.10	0.29	0.46	5.8	0.10	0.10	0.51	0.60	7.3
4	0.36	0.20	0.83	0.86	14.6	0.12	0.10	0.12	0.43	6.8	0.03	0.20	0.34	0.49	6.6	0.08	0.10	0.38	0.49	6.8
5	0.41	0.65	0.69	0.45	12.4	0.22	0.50	0.69	0.66	11.8	0.11	0.10	0.43	0.62	8.0	0.08	0.20	0.51	0.52	7.8
6	0.07	0.10	0.34	0.52	6.4	0.22	0.30	0.83	0.74	12.8	0.07	0.10	0.43	0.65	7.8	0.11	0.10	0.63	0.57	9.0
7	0.04	0.10	0.31	0.45	5.5	0.13	0.15	0.78	0.80	11.8	0.12	0.05	0.37	0.68	8.0	0.11	0.15	0.42	0.55	7.6
8	0.02	0.10	0.40	0.45	5.9	0.18	0.30	0.81	0.85	13.0	0.12	0.10	0.57	0.62	9.0	0.11	0.05	0.35	0.48	6.5
9	0.09	0.10	0.43	0.48	7.0	0.23	0.30	0.79	0.71	12.4	0.13	0.10	0.46	0.65	8.6	0.10	0.10	0.29	0.46	6.0
10	0.10	0.10	0.54	0.58	8.4	0.22	0.25	0.86	0.85	13.6	0.18	0.15	0.35	0.55	7.8	0.03	0.05	0.32	0.50	5.7
11	0.12	0.15	0.60	0.70	10.0	0.22	0.20	0.77	0.92	13.4	0.11	0.10	0.37	0.46	6.6	0.10	0.05	0.31	0.46	6.0
12	0.55	0.40	0.95	0.74	16.8	0.31	0.20	0.77	0.58	12.0	0.03	0.10	0.31	0.46	6.0	0.08	0.05	0.31	0.37	5.2
13	0.12	0.15	0.40	0.55	7.6	0.16	0.10	0.52	0.65	9.2	0.18	0.15	0.38	0.52	7.8	0.08	0.05	0.34	0.58	6.6
14	0.11	0.10	0.37	0.54	9.0	0.12	0.10	0.29	0.74	8.0	0.12	0.10	0.46	0.58	7.8	0.10	0.05	0.46	0.55	7.6
15	0.12	0.15	0.63	0.31	7.0	0.11	0.05	0.48	0.58	8.0	0.12	0.10	0.48	0.81	9.7	0.08	0.10	0.48	0.62	8.0
16	0.14	0.20	0.66	0.54	9.5	0.10	0.15	0.42	0.54	7.4	0.11	0.15	0.62	0.74	9.8	0.08	0.05	0.46	0.45	6.7
17	0.20	0.10	0.61	0.40	8.6	0.13	0.10	0.43	0.65	8.4	0.38	0.10	0.40	0.51	6.8	0.04	0.20	0.43	0.46	6.4
18	0.33	0.45	0.81	0.83	14.6	0.12	0.15	0.46	0.55	8.0	0.06	0.10	0.40	0.40	5.8	0.04	0.05	0.41	0.46	6.2
19	0.40	0.20	0.40	0.58	10.4	0.06	0.05	0.49	0.55	7.4	0.03	0.25	0.37	0.58	7.4	0.07	0.05	0.35	0.46	6.0
20	0.07	0.10	0.37	0.52	6.6	0.12	0.15	0.46	0.65	8.6	0.08	0.15	0.46	0.62	8.0	0.06	0.05	0.37	0.52	6.4
21	0.07	0.10	0.77	0.34	8.0	0.38	0.15	0.84	0.60	10.4	0.11	0.10	0.43	0.40	6.6	0.04	0.05	0.38	0.51	6.3
22	0.11	0.10	0.65	0.56	9.0	0.12	0.20	0.57	0.62	9.2	0.10	0.15	0.35	0.40	6.0	0.20	0.10	0.41	0.43	7.5
23	0.20	0.30	0.65	0.80	11.8	0.13	0.10	0.46	0.71	9.0	0.11	0.10	0.31	0.60	7.1	0.04	0.10	0.49	0.43	6.0
24	0.21	0.15	0.51	0.52	8.4	0.16	0.15	0.51	0.65	9.2	0.03	0.10	0.42	0.58	7.0	0.07	0.05	0.32	0.40	5.4
25	0.88	0.10	0.26	0.48	5.8	0.16	0.20	0.51	0.63	9.2	0.11	0.10	0.38	0.51	7.0	0.07	0.05	0.34	0.42	5.6
26	0.05	0.05	0.31	0.34	4.8	0.11	0.15	0.42	0.71	8.6	0.10	0.10	0.45	0.58	7.8	0.03	0.05	0.34	0.46	5.6
27	0.15	0.15	0.35	0.26	5.7	0.17	0.20	0.48	0.68	9.4	0.70	0.20	0.43	0.31	7.8	0.07	0.35	0.35	0.46	6.0
28	0.31	0.20	0.46	0.52	9.6	0.10	0.15	0.49	0.69	8.8	0.09	0.15	0.38	0.35	7.8	0.04	0.35	0.46	0.62	7.5
29	0.07	0.15	0.45	0.41	6.5	0.09	0.10	0.15	0.62	8.7	0.11	0.10	0.40	0.31	7.8	0.07	0.05	0.54	0.62	8.2
30	0.23	0.15	0.37	0.25	6.4	0.07	0.10	0.41	0.81	8.8	0.11	0.15	0.40	0.48	7.0	0.10	0.05	0.52	0.55	8.0
31	0.11	0.10	0.58	0.61	9.0						0.10	0.05	0.40	0.49	7.2	0.03	0.05	0.43	0.46	6.2
Sum	6.25	5.25	16.66	16.93	278.4	4.30	4.90	16.22	19.47	283.3	3.82	3.70	12.35	17.86	235.3	3.12	2.35	12.69	15.58	208.6
Mean	0.20	0.17	0.54	0.55	9.00	0.14	0.16	0.54	0.65	9.44	0.12	0.12	0.41	0.58	7.60	0.11	0.08	0.41	0.50	6.73

Evaporation per hour, and day's total in Millimetres.

1900.

DATE	SEPTEMBER					OCTOBER					NOVEMBER					DECEMBER				
	6 h.	8 h.	14 h. ‡	21 h.	Day's Total	6 h.	8 h.	14 h. ‡	21 h.	Day's Total	6 h.	8 h.	14 h. ‡	21 h.	Day's Total	6 h.	8 h.	14 h. ‡	21 h.	Day's Total
1	0·04	0·05	0·35	0·41	5·5	0·02	0·05	0·38	0·38	5·3	0·04	0·01	0·46	0·06	4·0	0·27	0·40	0·58	0·52	9·2
2	0·03	0·10	0·38	0·40	5·6	0·03	0·0	0·38	0·40	5·4	0·01	0·05	0·17	0·05	1·6	0·50	0·45	0·32	0·22	8·8
3	0·03	0·05	0·41	0·38	5·6	0·01	0·0	0·45	0·46	6·0	0·01	0·05	0·10	0·10	1·4	0·01	0·10	0·15	0·18	2·5
4	0·02	0·05	0·42	0·43	5·8	0·03	0·05	0·42	0·32	5·2	0·01	0·0	0·40	0·30	4·4	0·0	0·0	0·18	0·28	3·0
5	0·07	0·10	0·40	0·32	5·5	0·03	0·0	0·38	0·34	5·0	0·02	0·05	0·30	0·26	3·9	0·0	0·0	0·18	0·28	3·0
6	0·02	0·05	0·35	0·40	5·2	0·01	0·05	0·26	0·26	3·6	0·01	0·05	0·28	0·24	3·6	0·08	0·05	0·12	0·17	2·7
7	0·01	0·05	0·41	0·41	5·6	0·01	0·10	0·20	0·23	3·1	0·02	0·0	0·28	0·18	3·2	0·04	0·10	0·12	0·06	1·8
8	0·04	0·10	0·43	0·34	5·6	0·02	0·0	0·18	0·25	3·0	0·01	0·0	0·23	0·21	3·0	0·0	0·0	0·25	0·15	2·6
9	0·01	0·05	0·41	0·37	5·3	0·01	0·0	0·18	0·23	2·8	0·01	0·05	0·24	0·21	2·9	0·02	0·05	0·25	0·17	3·0
10	0·02	0·10	0·35	0·38	5·2	0·02	0·00	0·22	0·20	3·0	0·02	0·0	0·22	0·22	3·0	0·07	0·10	0·18	0·15	3·0
11	0·03	0·05	0·37	0·31	4·8	0·02	0·05	0·23	0·22	3·2	0·0	0·01	0·16	0·17	2·2	0·0	0·0	0·23	0·23	3·0
12	0·03	0·05	0·32	0·29	4·4	0·01	0·05	0·26	0·29	3·8	0·01	0·10	0·31	0·24	3·9	0·04	0·10	0·14	0·22	2·9
13	0·06	0·05	0·38	0·28	4·9	0·02	0·0	0·37	0·31	4·6	0·04	0·10	0·22	0·15	3·0	0·0	0·0	0·12	0·15	1·8
14	0·03	0·05	0·31	0·31	4·4	0·05	0·15	0·25	0·28	4·2	0·01	0·05	0·08	0·11	1·4	0·01	0·10	0·06	0·22	1·4
15	0·03	0·10	0·41	0·43	5·0	0·01	0·0	0·20	0·21	2·8	0·19	0·30	0·56	0·20	6·8	0·0	0·0	0·17	0·11	1·8
16	0·02	0·05	0·42	0·42	5·7	0·07	0·05	0·29	0·26	4·3	0·02	0·05	0·29	0·18	3·4	0·0	0·0	0·12	0·25	1·6
17	0·04	0·10	0·58	0·40	7·0	0·05	0·10	0·26	0·23	3·7	0·01	0·05	0·15	0·19	2·4	0·0	0·0	0·09	0·12	1·4
18	0·04	0·05	0·37	0·26	4·6	0·04	0·05	0·28	0·26	4·0	0·02	0·05	0·15	0·14	2·2	0·02	0·10	0·12	0·10	2·0
19	0·03	0·10	0·31	0·34	4·7	0·04	0·10	0·38	0·34	5·3	0·02	0·0	0·22	0·18	2·4	0·04	0·0	0·18	0·18	2·8
20	0·03	0·05	0·38	0·32	5·0	0·03	0·05	0·32	0·18	3·7	0·03	0·05	0·25	0·25	3·5	0·02	0·0	0·12	0·09	1·6
21	0·01	0·05	0·37	0·34	4·8	0·04	0·05	0·43	0·35	5·6	0·01	0·02	0·22	0·22	3·0	0·0	0·0	0·10	0·17	1·8
22	0·03	0·05	0·37	0·37	5·2	0·03	0·10	0·41	0·40	5·8	0·01	0·05	0·20	0·30	2·8	0·0	0·05	0·14	0·06	1·4
23	0·04	0·05	0·29	0·29	4·3	0·02	0·0	0·38	0·28	4·5	0·01	0·05	0·22	0·22	3·0	0·0	0·0	0·05	0·02	0·4
24	0·01	0·05	0·28	0·23	3·5	0·01	0·05	0·21	0·21	3·0	0·01	0·05	0·20	0·15	2·5	0·0	0·0	0·10	0·06	1·0
25	0·04	0·05	0·31	0·26	4·2	0·02	0·05	0·20	0·21	3·0	0·02	0·0	0·20	0·14	2·4	0·0	0·0	0·03	0·03	0·4
26	0·03	0·05	0·34	0·31	4·6	0·02	0·05	0·40	0·20	4·2	0·01	0·05	0·25	0·15	2·6	0·01	0·05	0·10	0·03	1·0
27	0·06	0·05	0·28	0·31	4·4	0·02	0·05	0·21	0·21	3·1	0·09	0·20	0·31	0·18	4·4	0·0	0·0	0·12	0·15	1·8
28	0·03	0·05	0·28	0·21	3·6	0·07	0·05	0·27	0·18	2·7	0·09	0·20	0·28	0·12	3·8	0·0	0·05	0·11	0·03	1·0
29	0·03	0·00	0·32	0·31	4·4	0·03	0·05	0·40	0·30	5·0	0·07	0·05	0·20	0·15	3·0	0·0	0·10	0·05	0·06	0·9
30	0·01	0·05	0·41	0·40	5·5	0·01	0·05	0·32	0·23	3·8	0·01	0·05	0·16	0·16	2·2	0·02	0·0	0·14	0·16	2·1
31						0·02	0·05	0·43	0·24	4·7						0·04	0·10	0·26	0·20	3·3
Sum	0·92	1·80	11·01	10·23	149·9	0·82	1·45	9·55	8·46	12·8·4	0·84	1·74	7·31	5·83	91·9	1·19	1·90	4·88	4·82	75·3
Mean	0·03	0·06	00·37	00·34	5·0	0·03	0·05	0·31	0·27	0·41	0·03	0·06	0·24	0·19	3·1	0·04	0·06	0·16	0·16	2·4

Total Evaporation for the Year 1778·7 mm.

Duration of Sunshine.

Campbell-Stoke's Sunshine Recorder.

1900.

DATE	JANUARY		FEBRUARY		MARCH		APRIL		MAY		JUNE		JULY		AUGUST		SEPTEMBER		OCTOBER		NOVEMBER		DECEMBER	
	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible	Actual	Possible
	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.	H. M.
1	6 24	10 13	5 32	10 45	9 00	11 31	4 25	12 26	7 40	13 18	12 30	13 55	10 34	13 58	11 40	13 30	9 50	12 42	8 00	11 49	5 15	10 57	6 10	10 19
2	7 56	10 13	4 30	10 47	8 20	11 32	0 00	12 28	9 10	13 20	12 00	13 56	11 08	13 57	11 20	13 29	10 45	12 41	7 05	11 48	8 30	10 56	7 20	10 18
3	7 50	10 14	4 50	10 48	2 24	11 34	6 55	12 30	8 25	13 22	10 10	13 56	10 00	13 57	9 50	13 28	10 55	12 40	6 00	11 46	7 00	10 54	7 33	10 18
4	3 24	10 15	7 55	10 49	4 00	11 36	1 36	12 31	7 00	13 24	4 30	13 57	11 00	13 57	11 40	13 27	10 05	12 38	5 32	11 44	8 20	10 53	6 50	10 17
5	8 36	10 16	6 35	10 50	7 40	11 38	0 00	12 33	7 45	13 25	8 25	13 57	11 00	13 56	12 00	13 26	10 20	12 37	6 45	11 42	9 05	10 51	1 18	10 16
6	7 25	10 17	3 35	10 52	6 25	11 40	2 15	12 34	9 35	13 27	9 12	13 58	11 35	13 56	11 50	13 24	8 05	12 35	8 30	11 41	9 00	10 49	0 00	10 16
7	7 00	10 17	7 10	10 53	8 40	11 41	9 50	12 36	7 00	13 28	10 45	13 58	10 20	13 55	11 45	13 22	9 10	12 34	8 15	11 39	9 00	10 48	1 30	10 15
8	3 40	10 18	8 10	10 55	1 32	11 43	8 00	12 38	9 17	13 30	9 55	13 58	12 00	13 55	11 10	13 21	8 40	12 32	6 40	11 37	8 30	10 47	6 30	10 14
9	8 00	10 19	4 42	10 56	3 40	11 45	10 20	12 40	9 08	13 31	8 50	13 59	11 39	13 54	11 15	13 20	8 30	12 30	7 45	11 35	8 48	10 45	8 35	10 14
10	8 36	10 20	8 35	10 58	0 00	11 46	6 45	12 41	10 00	13 32	10 20	13 59	11 35	13 53	11 00	13 18	8 42	12 28	6 48	11 34	7 17	10 44	6 25	10 13
11	8 05	10 22	7 32	11 00	2 00	11 48	8 25	12 43	12 20	13 34	8 55	13 59	8 36	13 52	10 00	13 16	8 45	12 26	8 00	11 32	9 00	10 42	7 50	10 13
12	8 50	10 23	6 40	11 03	5 00	11 50	8 20	12 45	7 55	13 35	10 25	13 59	10 50	13 52	11 45	13 15	9 10	12 24	7 15	11 30	9 00	10 41	5 30	10 12
13	8 30	10 24	4 00	11 05	7 05	11 52	4 20	12 47	10 35	13 36	11 00	13 59	11 30	13 51	10 05	13 14	8 12	12 22	8 20	11 29	8 50	10 39	7 54	10 12
14	8 15	10 25	4 10	11 07	9 10	11 54	9 48	12 49	11 48	13 38	11 00	13 59	12 00	13 50	12 15	13 12	8 15	12 20	7 30	11 27	0 00	10 38	8 20	10 12
15	7 50	10 26	6 20	11 08	9 51	11 55	9 30	12 50	12 50	13 39	11 00	13 59	11 45	13 49	11 40	13 10	8 35	12 18	7 35	11 25	7 42	10 37	7 28	10 11
16	3 29	10 27	4 35	11 10	7 28	11 56	8 28	12 52	11 27	13 40	11 48	13 59	11 30	13 48	11 20	13 09	7 34	12 17	8 20	11 24	7 42	10 35	8 05	10 11
17	8 38	10 28	7 00	11 12	10 00	11 58	9 00	12 53	6 30	13 42	12 00	14 00	11 45	13 48	11 40	13 07	8 45	12 15	8 06	11 22	8 00	10 34	2 34	10 11
18	5 20	10 28	6 15	11 13	10 12	12 00	9 08	12 55	3 00	13 43	11 25	14 00	11 00	13 47	11 35	13 05	9 00	12 13	6 40	11 20	8 30	10 33	0 00	10 11
19	0 20	10 30	4 20	11 15	8 55	12 02	9 22	12 57	5 58	13 44	10 00	14 00	10 15	13 46	11 45	13 04	8 40	12 11	8 06	11 18	8 45	10 32	5 54	10 11
20	8 25	10 31	4 30	11 16	8 00	12 04	9 20	12 58	10 30	13 45	10 50	14 00	11 35	13 45	10 30	13 02	8 15	12 10	7 50	11 17	8 45	10 31	5 10	10 10
21	7 02	10 32	8 00	11 18	9 18	12 06	9 00	13 00	12 00	13 47	10 30	14 00	12 20	13 44	11 35	13 01	8 20	12 08	7 50	11 15	7 25	10 29	2 15	10 10
22	0 00	10 34	7 00	11 19	6 40	12 08	8 46	13 02	11 20	13 48	10 00	14 00	11 50	13 43	10 20	12 59	8 15	12 06	8 00	11 13	8 40	10 28	8 25	10 10
23	7 54	10 35	3 00	11 21	10 00	12 10	8 20	15 04	10 12	13 49	11 07	14 00	10 10	13 42	11 45	12 58	8 20	12 05	6 45	11 12	8 30	10 27	0 00	10 10
24	3 30	10 36	2 55	11 23	9 52	12 12	5 26	13 05	5 40	13 49	11 45	14 00	11 50	13 41	11 05	12 56	9 00	12 03	6 40	11 10	8 04	10 26	0 00	10 10
25	5 55	10 38	0 29	11 24	6 30	12 13	9 18	13 07	8 35	13 50	12 00	13 59	11 30	13 40	9 45	12 54	8 30	12 01	7 50	11 08	6 53	10 25	3 20	10 10
26	8 36	10 38	4 10	11 26	5 12	12 15	9 30	13 09	9 10	13 51	9 40	13 59	11 30	13 39	10 50	12 53	8 35	11 59	5 25	11 07	8 30	10 24	3 25	10 10
27	8 18	10 40	4 00	11 28	9 20	12 17	8 48	13 10	2 45	13 52	10 55	13 59	11 00	13 38	11 00	12 51	8 30	11 57	8 20	11 05	7 32	10 23	8 51	10 10
28	8 42	10 41	8 05	11 29	9 10	12 19	9 12	13 12	3 05	13 53	12 00	13 59	9 15	13 37	10 30	12 49	8 32	11 55	8 25	11 04	3 15	10 22	6 05	10 10
29	9 00	10 42			9 00	12 21	8 58	13 14	5 36	13 53	11 30	13 58	9 52	13 36	9 30	12 47	8 38	11 53	8 30	11 02	8 45	10 21	2 10	10 10
30	9 00	10 43			6 36	12 23	7 25	13 16	0 18	13 54	10 30	13 58	10 05	13 34	11 45	12 46	8 50	11 51	5 54	11 01	8 25	10 20	8 25	10 11
31	5 50	10 45			8 38	12 25			12 30	13 55			11 00	13 33	11 35	12 44			6 00	10 59			6 30	10 12
Mean	6 47	10 25	5 31	11 07	7 05	11 55	7 21	12 50	8 24	13 39	10 30	13 59	11 01	13 48	11 09	13 10	8 51	12 18	7 23	11 25	7 46	10 37	5 22	10 11
Mean percentage	65.1		49.7		59.5		57.3		61.8		75.1		79.9		84.6		72.0		64.7		73.2		52.8	

MAGNETIC OBSERVATIONS

Made in a hut on the desert plateau about 2 kilometres east of Helwan,
Latitude $29^{\circ} 51' 40''$ N Longitude $31^{\circ} 20' 35''$ E of Greenwich.

TABLE I.

Magnetic Observations.

OBSERVATIONS OF ABSOLUTE DECLINATION.

DATE	CAIRO		MEAN READINGS		TORSION		OBSERVER	DECLINATION (Westerly)		MONTHLY MEAN	
	MEAN TIME 0.24 h.		CENTRE OF SCALE — SCALE APPARENTLY		FIXED MARK	MEAN		EFFECT OF 90.° SC. DIV.	UNCORRECTED FOR TORSION		CORRECTED FOR TORSION
			Erect. 3	Inverted. 4							
1	2	3	4	5	6	7	8	9	10	11	
	h. m.										
1900											
January .. 3	10	53	135° 27' 29"	135° 3' 32"	—	22° E	0.975	C	4° 5' 58"	4° 6' 24"	4° 6' 50"
" .. 12	12	4	135 26 19	135 1 46	—	5 E	1.23	C	4 7 22	4 7 29	
" .. 17	15	42	135 27 44	135 2 46	—	5 W	1.091	C	4 6 9	4 6 2	
" .. 23	15	38	135 26 57	135 1 17	—	5 E	1.13	C	4 7 17	4 7 24	
February .. 1	12	25	135 25 51	135 1 1	—	18 E	1.03	C	4 7 53	4 8 26	4 7 52
" .. 12	15	49	135 25 40	135 1 30	—	8 E	1.05	C	4 7 49	4 7 59	
" .. 16	12	0	135 25 38	135 1 18	—	5 W	1.00	C	4 7 56	4 7 50	
" .. 21	15	51	135 26 32	135 2 20	—	10 E	1.21	C	4 6 58	4 7 14	
March .. 5	15	41	135 29 12	135 3 0	101° 9' 15"	10 E	1.17	L	4 6 18	4 6 32	4 6 6
" .. 8	15	56	135 24 44	135 0 56	—	3 E	1.11	C	4 0 34	4 8 38	
" .. 13	16	5	135 30 40	135 8 35	133 15 50	18 E	1.16	C	4 1 46	4 2 11	
" .. 25	15	42	135 26 12	135 2 46	133 16 15	7 E	1.16	C	4 6 55	4 7 5	
April .. 2	15	52	135 27 4	135 1 36	—	8 W	1.20	C	4 7 4	4 6 52	4 6 0
" .. 20	16	25	167 47 32	167 7 5	133 15 50	75 E	1.53	L	4 0 40	4 3 1	
" .. 27	11	9	167 41 28	167 2 36	—	10 W	1.26	C	4 6 22	4 6 6	
May .. 4	16	36	167 39 56	167 1 24	—	50 E	1.30	C	4 7 16	4 8 37	
" .. 11	9	51	167 43 2	167 3 46	—	10 W	1.00	C	4 4 46	4 4 34	4 6 4
" .. 18	16	28	167 44 2	167 5 22	—	5 E	1.19	Cp.	4 4 0	4 4 7	
" .. 29	15	1	167 40 48	167 1 58	—	5 E	1.38	Cp.	4 6 49	4 6 58	
June .. 15	7	37	167 51 10	167 8 30	—	4 E	3.06	Cp.	3 58 54	3 58 59	
" .. 26	10	34	167 47 12	167 2 22	—	3 E	3.46	Cp.	4 3 25	4 3 36	4 1 51
July .. 2	10	7	167 49 12	167 5 35	—	5 E	2.84	Cp.	4 0 48	4 1 4	
" .. 6	9	31	167 49 52	167 0 48	—	10 E	3.11	Cp.	4 2 52	4 3 46	

Mean Declination for 1900 = 4° 5' 42".

Mean Date March 25th 1900.

The initials L, C and Cp. are those of Capt. H. G. Lyons, Mr. J. I. Craig and Mr. E. Coupland respectively.

Magnetic Observations.

OBSERVATIONS OF INCLINATION.

DATE	CAIRO MEAN TIME		OBSERVER	NEEDLE MARKED	END OF NEEDLE DIPPING				MEAN DIP	MEANS REDUCED TO NEEDLE 1	MONTHLY MEAN	
	AT COMMENCE- MENT	AT CONCLUSION			A		B					
					FACE OF CIRCLE		FACE OF CIRCLE					
					East	West	East	West				
1	2	3	4	5	6	7	8	9	10	11	12	
1900	h. m.	h. m.										
January .. 17	15 52	16 25	C	1	40° 20'·5	40° 30'·9	40° 36'·8	40° 44'·8	40° 33'·25	40° 33'·2	40° 33'·2	
February .. 12	16 3	16 33	C	3	40 50·0	40 59·4	39 58·6	40 7·2	40 28· 8	32·3	}	
„ .. 16	13 34	14 5	C	1	40 32·2	40 44·4	40 16·3	40 28·8	40 30· 4	30·4		}
„ .. 21	16 9	16 38	C	1	40 17·7	40 30·0	40 32·5	40 46·6	40 31· 7	31·7		
March .. 5	16 15	16 42	L	1	40 38·2	40 44·2	40 9·8	40 15·8	40 27· 0	27·0	}	
„ .. 8	16 11	16 39	C	3	39 52·0	40 4·2	40 46·5	40 57·8	40 25· 1	28·6		}
April 27	10 3	10 43	C	1	40 21·1	40 30·0	40 31·8	40 42·3	40 31· 3	31·3	31·3	
May 20	10 28	11 44	Cp.	1	40 34·4	40 50·2	40 36·4	40 26·7	40 36· 9	36·9	36·9	
June 26	11 42	12 47	Cp.	1	40 19·4	40 18·5	40 30·5	40 54·2	40 30· 6	30·6	30·6	
July 6	10 29	11 34	Cp.	2	40 27·6	40 33·5	40 42·9	40 41·8	40 36· 4	28·5	28·5	

Mean Inclination for 1900 = 40° 31'·5".

Mean Date March 6th and 7th 1900.

The initials L, C and Cp. are those of Capt. H. G. Lyons Mr. J. I. Craig and Mr. E. Coupland respectively.

TABLE III.

Magnetic Observations.

VIBRATION OBSERVATIONS FOR THE VALUE OF THE HORIZONTAL FORCE.

DATE	CAIRO		TEMPERATURE CENTIGRADE	TIME OF 100 VIBRATION SECS	LOG. <i>m</i> X	LOG. <i>m</i>		LOG. <i>X</i>		<i>X</i>		MONTHLY MEAN	OBSERVER	REMARKS
	MEAN	TIME				From observation	Computed from formula	From observation	Computed from formula	From observation	Computed			
1	2	3	4	5	6	7	8	9	10	11	12	13		
1900	h. m.													
January ..	3	10 38	15.5	3.7142	2.34050	—	2.86127	—	9.47923	—	0.30146	0.30152	C	Time of vibration seems impossible.
" ..	3	11 23	16.6	3.7154	038	—	127	—	911	—	138		C	
" ..	12	11 51	14.5	3.7128	065	2.86147	117	9.47918	948	0.30143	163		C	
" ..	17	15 26	14.2	3.7136	042	—	112	—	930	—	151		C	
" ..	23	15 23	14.3	3.7132	053	—	105	—	948	—	163	0.30162	C	
February .	1	12 8	15.8	3.7175	2.33978	—	095	—	983	—	118		C	
" ..	12	15 37	17.2	3.7161	2.34030	—	083	—	947	—	163		C	
" ..	16	11 36	17.4	3.7146	069	2.86146	079	9.47924	990	0.30148	193		C	
" ..	21	15 25	17.8	3.7160	039	—	074	—	965	—	175	0.30270	C	
March ..	5	15 34	20.7	3.7177	048	—	061	—	987	—	190		L	
" ..	8	15 33	21.4	3.7166	084	—	057	—	9.48027	—	218		C	
" ..	13	16 18	17.0	3.7278	2.34242	—	052	—	190	—	331		C	
" ..	13	16 37	17.0	3.7269	2.34260	—	052	—	208	—	343	0.30184	C	
" ..	25	15 27	19.8	3.7162	2.34164	2.85197	039	9.48168	025	0.30330	217		C	
April ..	2	15 28	25.7	3.7220	027	2.86091	030	9.47936	9.47997	0.30155	197		C	
" ..	20	9 36	21.2	3.1397	2.47580	—	2.99628	—	952	—	166		L	
" ..	27	9 36	23.9	3.7740	502	2.99504	515	9.47998	987	0.30198	190	0.30197	C	
May ..	4	—	30.6	3.1508	423	—	403	—	9.48020	—	213		C	
" ..	11	9 6	25.5	3.1548	225	2.99270	290	9.47954	9.47935	0.30168	154		C	
" ..	18	11 44	30.6	3.1605	161	—	178	—	983	—	188		Cp.	
" ..	29	16 8	29.1	3.1635	051	2.99051	001	9.47999	9.48050	0.30199	234	0.30197	Cp.	
June ..	1	10 33	27.2	3.1685	2.46878	2.98954	2.98953	9.47924	9.47925	0.30147	147		Cp.	
" ..	15	7 14	27.2	3.1702	800	—	728	—	9.48072	—	250		Cp.	
" ..	26	11 7	30.0	3.1814	541	—	551	—	9.47990	—	193		Cp.	
July ..	2	11 2	31.4	3.1879	410	2.98433	455	9.47977	955	0.30183	168	0.30158	Cp.	
" ..	6	10 8	30.0	3.1900	315	—	390	—	925	—	147		Cp.	

Mean for 1900 = 0.30178.

The initials L. C. and Cp. are those of Capt. H. G. Lyons. Mr. J. I. Craig and Mr. E. Coupland respectively.

Magnetic Observations.

DEFLECTION OBSERVATIONS FOR THE VALUE OF THE HORIZONTAL FORCE.

DATE	CAIRO MEAN TIME	DISTANCE OF CENTRES OF MAGNETS	TEMPERATURE CENTIGRADE	OBSERVED DEFLECTION	APPARENT VALUE OF A	APPARENT VALUE OF P	LOG m/X	OBSERVER	LOG m/X	LOG. m
1	2	3	4	5	6	7	8	9	10	11
	h. m.									
1900										
January .. 12	16 23	30 40	15·8	10° 19' 36" 4 19 1	2431·9 2421·1	9·083	3·38249 208	C	2·34065	2·86147
February 16	12 48	30 40	18·9	10 17 54 4 19 5	2428·1 2424·1	3·381	180 267	C	069	146
March .. 25	16 26	30 40	21·7	10 11 58 4 15 37	2407·4 2394·8	10·696	3·37808 733	C	064	2·85197
April .. 2	16 27	30 40	25·9	10 15 36 4 17 48	2425·8 2419·1	5·664	3·38139 172	C	027	2·86091
April .. 27	12 15	30 40	27·3	13 58 48 5 49 56	3299·9 3288·5	7·072	3·51504 508	C	2·47502	2·99504
May .. 11	10 35	30 40	28·0	13 54 56 5 48 16	3286·0 3273·8	7·601	321 311	C	225	270
May .. 27	11 7	30 40	27·0	13 50 12 5 46 16	3266·3 3253·6	7·962	059 043	Cp.	051	051
June .. 1	12 8	30 40	28·2	13 49 32 5 45 48	3265·5 3251·1	9·023	049 009	Cp.	2·46878	2·98954
July .. 2	12 0	30 40	31·9	13 36 40 5 40 26	3221·3 3209·1	7·756	3·50463 450	Cp.	410	2·98433

Mean Value of P = 7·5820

Mean Date = April 27th.

The initials C and Cp. are those of Mr. J. I. Craig and Mr. E. Coupland respectively.

SEISMOLOGY

Register of Earthquakes at Abbassia.

Milne's Seismograph.

1900.

Number.	DATE.	Commencement.	D. P. T.	Maxima.	Amplitude.	Duration.	REMARKS.
		h. m.		h. m.		h. m.	
11	January 5	19 22.5	5 m.	19 29.0 19 43.3 19 45.8 19 55.3 20 1.1 20 9.6	2. 6	1 2	
12	" 11	9 29.6	10 m.	9 40.0 53.3 59.5 10 16.8 10 20.0 10 22.0 10 25.0 11 24.0	0. 3	2 3	
13	" 18	15 29.0	4 m.	15 35.0	0.12	0 10	In spite of its minute amplitude was plainly felt locally.
14	" 20	7 32.8	—	7 35.8 7 39.0 7 42.0 7 48.3 7 59.1	— 0. 7 —	— 0. 40	Preliminary tremors obscured, there may have been motion previous to 7.32. but instrument had been disturbed for daily winding of watch.
15	" 23	3 59.8	—	—	—	—	Slight isolated thickening.
	" 25	3 24.8	—	—	—	—	Slight thickening.
	" 29	23 7.0	—	—	—	—	" "
16	February 5	11 22.0 12 15.0	— —	— —	— —	0 10 0 5	Slight isolated thickening.
17	" 6	6 58.2 15 9.7	— —	— —	— —	— —	" " " barely visible.
18	" 17	15 29.0	—	—	0. 2	—	" " " Doubt seismic origin.

Register of Earthquakes at Abbassia.

Milne's Seismograph.

1900.

Number.	DATE.	Commencement.	D. P. T.	Maxima.	Amplitude.	Duration.	REMARKS.
		h. m.		h. m.		h. m.	
19	February 22 ..	12 28·8	—	—	—	—	Slight isolated thickening.
20	" 28 ..	9 5·0	—	—	—	—	Very slight isolated thickening.
21	March 3 ..	10 41·8	—	—	—	—	
22	" 6 ..	18 0·5	—	—	—	—	Boom thrown off scale to the East by strong shock, felt by the above and
23	" 19 ..	12 8·0	—	—	—	0 9	Isolated very small thickening. [many others.
24	" 23 ..	14 32·0	7 m.	14 41·6 14 43·5 14 45·0	0· 9	0 20	Doubt if this is seismic.
25	" 30 ..	9 27·8	—	—	—	—	Very slight isolated thickening.
26	April 7 ..	16 35·8	1 m. 6	16 37·4	0· 3	0 10	Seismic nature doubtful.
27	" 16 ..	9 7·8	6 m.	9 14·3	0· 5	0 16	
28	" 24 & 25 ..	23 29·3	—	23 41·2 23 44·8 23 47·8 0 00·3 0 15·3	1· 2	—	A " " " " very clearly defined shock.
29	" 30 ..	18 25·3	—	—	0· 18	—	
30	" 31 ..	20 39·0	1 m.	20 40·3 20 44·3 20 46·8 20 50·0	0· 10	0 12	
31	May 3 ..	14 26·3	3 m.	14 28·8	0· 2	0 10	
32	" 11 ..	17 48·3	35 m.	18 15·8 18 31 ?	0· 5	—	
33	June 5 ..	17 0·8	—	—	—	—	Slight isolated thickenings.
34	" 7 ..	18 14·8	—	—	—	—	" " "
35	" 22 ..	15 51·0	—	—	—	—	" " "

Register of Earthquakes at Abbassia.

Milne's Seismograph.

1900.

Number.	DATE.		Commencement.	D. P. D.	Maxima.	Amplitude.	Duration.	REMARKS.
			h. m.		h. m.	h.	h. m.	
36	July	20	..	—	17 49·8	—	—	Minute thickenings.
37	"	20	..	—	20 5·3	—	—	" "
38	"	23	..	2 m.	19 56·8	0·3	0 6	" "
39	"	23	..	?	23·8	—	3 2	" "
					26·8	—	—	
					36·8	—	—	
					42·3	—	—	
					49·8	—	—	
					8 34·8	—	—	
					39·8	—	—	
					58·8	—	—	
					9 8·8	3·0	—	
					18·8	—	—	
					22·8	—	—	
40	August	1	..	—	11 22·8	—	—	Minute thickenings
41	"	2	..	—	17 59·8	—	—	" "
42	"	3	..	—	3 29·8	—	—	" "
43	"	6	..	—	0 34·8	—	—	" "
44	"	6	..	11 10·8	11 21·8	—	—	Moment of commencement not clear.
				2 21·8	25·8	0·7	—	
					27·8	—	—	
45	"	21	..	19 57·8	20 17·8	0·3	—	
					29·8	—	—	
					36·8	—	—	
	"	21	..	—	22 9·8	—	—	
46	September	16	..	—	22 30·3	—	—	Very doubtful tremor smoothness all September remarkable.
47	October	16	..	—	9 28·0	—	—	Small isolated distinct tremor.
	"	26	..	—	15 30·1	—	—	? tremor (very small).

Register of Earthquakes at Abbassia.

Milne's Seismograph.

1900.

Number.	DATE.	Commencement.	D. P. D.	Maxima.	Amplitude.	Duration.	REMARKS.
		h. m.		h. m.	h.	h. m.	
48	November 6 ..	11 50.0	—	—	—	0 40	? Tremor, badly recorded.
49	" 19 ..	9 30.0	—	5 53.0	—	—	Minute thickenings.
50	" 27 ..	—	—	7 25.0	—	—	" "
				7 33.0	—	—	" "
51	—	8 3.0	—	10 21.0	1. 0	about 3 30	Trace tremulous all this time.
52	—	20 0.0	—	20 2.0	—	0 35	
				7.0	—	—	
				15.0	—	—	
				25.0	0. 3	—	
53	December 8 ..	—	—	21 20.5	—	—	Minute thickening.
54	" 10 ..	—	—	12 15.0	—	—	" "
55	" 12 ..	—	—	6 25.0	—	—	" "
				35.0	—	—	" "
56	" 26 ..	?	?	8 15.0	—	—	This tremor was proceeding when the instrument was started on the 26th.
				23.5	—	—	It has a different appearance from those caused by the starting of the
				29.0	0. 6	—	instrument and is perhaps seismic.
				38.5	—	—	
				40.0	—	—	
57	—	18 50.0	—	19 25.0	—	—	Trace tremulous, maxima numerous, only chief inserted.
				20 28.0	0. 7	? 5 00	
				21 8.0	—	—	
				22 40.0	—	—	
58	" 27 ..	4 13.0	—	4 38.0	—	2 51	Fine tremor.
				50.0	—	—	
				5 22.0	—	—	
				27.0	—	—	
				41.0	1. 3	—	
				43.0	—	—	

ALEXANDRIA.—MEAN VALUES 1891-1900.

Signal Station, Kom el Nadura.

LATITUDE $31^{\circ} 11' 39''$ N.—LONGITUDE $29^{\circ} 53' 30''$ E OF GREENWICH.

SIGNAL STATION, ALEXANDRIA.

Temperature.

THE MONTHLY AND YEARLY MEANS FOR 10 YEARS, 1891-1900.

MONTH	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	MEAN
January	13·8	15·1	13·5	13·9	14·7	12·6	15·3	13·1	14·1	14·8	14·1
February	12·8	15·5	14·1	13·7	16·6	14·5	15·2	14·2	15·3	16·0	14·8
March	16·1	16·6	14·5	15·8	16·1	16·3	16·3	16·3	16·5	17·3	16·2
April	18·5	19·0	16·7	17·6	19·0	18·1	18·9	19·4	18·6	18·3	18·4
May... ..	21·2	20·8	19·9	20·9	21·5	21·4	21·3	21·6	22·0	22·3	21·3
June	23·8	24·1	23·8	24·4	23·7	23·5	23·6	24·6	24·7	23·4	24·0
July... ..	26·3	26·0	26·3	25·5	26·2	26·1	26·7	26·4	26·2	25·4	26·1
August	27·0	26·1	26·4	26·5	26·7	27·3	26·9	26·4	26·7	26·3	26·6
September	25·8	25·8	25·5	25·6	24·8	25·8	26·7	24·9	26·5	24·2	25·6
October	23·2	24·0	23·4	24·9	22·7	24·2	23·5	24·6	23·2	23·4	23·7
November	20·4	19·7	21·2	19·8	19·9	20·4	17·4	20·8	19·3	20·1	20·0
December	16·0	15·9	16·5	15·6	16·0	17·3	14·8	16·4	16·1	16·0	16·1
MEAN... ..	20·4	20·7	20·6	20·4	20·7	20·6	20·5	20·7	20·9	20·6	20·6
Mean annual range.	14·2	11·0	12·9	12·8	12·0	14·7	12·1	13·3	12·6	11·5	12·0

SIGNAL STATION, ALEXANDRIA.

Temperature.

THE MONTHLY MEANS FOR HOURS FOR 10 YEARS, 1891-1900.

MONTH	3 h.	6 h.	9 h.	Noon.	15 h.	18 h.	21 h.	Mdnt.	MEAN
January... ..	12·5	12·1	13·6	16·2	16·7	14·8	14·0	13·1	24·1
February	13·3	12·7	14·4	17·1	17·3	15·4	14·5	13·8	14·8
March	14·4	13·7	16·1	18·9	19·0	16·5	15·6	14·9	16·1
April	16·2	15·8	19·0	21·6	21·4	19·2	17·6	16·9	18·5
May	18·9	18·9	22·2	24·7	24·1	22·2	20·2	19·5	21·3
June	21·7	22·0	25·0	26·6	26·6	24·8	23·0	22·2	24·0
July	24·0	24·2	27·1	28·7	28·8	27·1	25·0	24·4	26·1
August	24·6	24·5	27·4	29·2	29·4	27·3	25·3	24·9	26·6
September	23·6	23·5	26·4	28·2	28·1	26·0	24·8	24·1	25·6
October... ..	22·0	21·5	24·3	26·3	26·0	23·8	23·2	22·4	23·7
November	18·5	17·8	20·4	22·4	22·1	20·5	19·5	18·9	20·0
December	14·5	14·1	15·7	18·1	18·3	16·5	15·9	15·1	16·0
MEAN	18·7	18·4	21·0	23·2	23·2	21·2	19·9	19·2	20·6

SIGNAL STATION, ALEXANDRIA.

Temperature.

TABLE OF MONTHLY MAXIMUM TEMPERATURES FOR 10 YEARS, 1891-1900.

MONTH	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	MEAN
January	21·8	21·2	25·0	20·0	23·9	19·4	24·7	19·7	18·9	21·6	21·6
February	21·3	25·7	22·8	22·0	29·7	27·0	23·3	23·9	26·1	25·0	24·7
March	37·0	31·0	26·9	27·3	29·8	30·5	27·2	30·0	27·5	31·1	29·8
April	37·5	33·3	28·6	32·7	36·0	36·4	33·6	38·9	31·5	34·1	34·3
May... ..	36·7	35·0	37·2	36·3	37·0	35·0	37·2	38·5	34·4	38·9	36·6
June	33·0	38·3	33·3	39·4	35·2	31·6	34·4	30·5	31·6	37·2	34·4
July... ..	33·4	32·5	31·6	31·7	31·5	37·0	33·3	31·0	31·1	31·7	32·5
August	34·5	32·2	31·0	32·0	31·6	32·8	31·7	31·0	31·7	35·0	32·4
September	32·8	32·2	30·6	32·0	30·6	32·8	31·7	30·6	40·0	30·5	32·4
October	31·2	29·6	29·8	31·4	30·5	28·9	35·5	37·8	30·0	31·1	31·6
November	32·2	26·3	30·0	26·9	26·4	28·3	24·0	28·1	25·3	29·4	27·7
December	26·3	23·8	24·5	25·0	23·6	27·2	21·7	24·5	26·3	28·9	25·2
MEAN	31·5	30·1	29·3	29·7	30·5	29·7	29·9	30·4	29·5	31·2	30·2

NOTE.—Above is given the highest temperature recorded in each month, and not the daily maxima.

SIGNAL STATION, ALEXANDRIA.**Temperature.**

TABLE OF MONTHLY MINIMUM TEMPERATURES FOR 10 YEARS, 1891-1900.

MONTH	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	MEAN
January	6·0	8·9	5·8	8·8	6·2	6·2	8·8	5·4	6·9	7·0	7·0
February	7·5	9·4	7·6	7·4	10·0	7·0	9·0	6·2	9·0	9·5	8·3
March	5·5	9·9	7·1	8·5	10·4	11·0	10·5	8·6	8·6	9·0	8·9
April	12·5	13·3	11·6	11·7	13·5	11·7	12·0	13·2	11·0	12·5	12·3
May... ..	16·5	15·7	14·4	13·3	14·0	15·4	13·5	15·2	14·5	15·0	14·8
June	16·3	19·9	18·9	19·6	17·8	13·8	18·0	19·0	19·1	18·1	18·0
July... ..	22·6	21·6	21·8	21·2	21·4	20·5	22·0	20·7	21·0	22·5	21·5
August	22·2	20·5	21·3	20·7	23·0	20·3	22·2	21·8	26·6	28·8	22·7
September	20·7	20·0	20·3	18·7	19·0	19·7	21·0	19·2	19·7	19·9	19·8
October	18·4	16·8	16·9	18·7	16·9	17·7	15·0	18·1	16·2	18·9	17·4
November	13·5	11·3	15·2	14·0	13·5	12·3	10·8	20·5	11·5	12·9	13·6
December	8·3	10·3	7·5	8·2	9·0	10·1	6·0	9·0	8·8	9·4	8·7
MEAN	14·1	14·8	14·0	14·2	14·6	13·8	14·1	14·7	14·4	15·4	14·4

SIGNAL STATION, ALEXANDRIA.

Temperature.

THE MONTHLY ABSOLUTE MAXIMA AND MINIMA FOR 10 YEARS, 1891-1900.

MONTH	ABSOLUTE	
	MAXIMUM	MINIMUM
	°C.	°C.
January	25·0	5·4
February	29·7	6·2
March	37·0	5·5
April	38·9	11·0
May... ..	38·9	13·3
June	39·4	13·8
July... ..	37·0	20·5
August	35·0	20·3
September	40·0	18·7
October	37·8	15·0
November	32·2	10·8
December	28·9	6·8
Extreme values	40·0	5·5

SIGNAL STATION, ALEXANDRIA.

Temperature.

MEAN MAXIMUM RANGE OF TEMPERATURE FOR 10 YEARS, 1891-1900.

MONTH	MAXIMUM
	°C.
January	14·6
February	16·4
March	20·9
April	22·0
May	21·8
June	16·4
July	11·0
August	9·7
September	12·6
October	14·2
November... ..	14·1
December... ..	16·5

SIGNAL STATION, ALEXANDRIA.

Atmospheric Pressure.

700 mm. + THE MONTHLY AND YEARLY MEANS FOR 10 YEARS, 1891-1900. Altitude above sea level, 32 mètres.

MONTH	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	MEAN
January	59·9	61·1	57·0	60·8	61·3	58·9	60·9	65·3	61·6	61·6	60·8
February	59·7	59·2	61·5	59·4	58·6	62·4	62·0	60·0	60·3	57·8	60·1
March	58·9	59·2	59·2	58·4	58·1	58·0	60·2	57·6	60·1	59·1	58·9
April	58·4	56·8	59·4	57·9	57·1	59·2	58·9	60·0	59·0	59·6	58·6
May... ..	55·0	57·2	58·0	57·9	58·8	57·3	57·2	57·9	58·8	58·4	57·6
June	57·8	56·7	57·3	57·0	58·1	57·1	57·9	57·2	57·6	59·3	57·6
July... ..	54·8	54·5	54·3	54·6	55·2	55·6	54·7	55·1	56·1	56·0	55·1
August	55·4	55·2	56·2	55·1	54·7	55·6	55·7	56·1	57·0	56·4	55·7
September	58·3	57·2	57·2	57·5	58·8	57·2	58·0	58·0	58·3	60·0	58·0
October	58·6	59·0	59·2	60·3	58·9	60·0	60·6	58·7	60·4	61·3	59·7
November	61·5	59·9	61·4	58·9	60·9	60·9	63·3	60·9	61·8	61·5	61·1
December	61·8	61·5	59·1	59·3	60·2	61·5	62·7	61·7	61·0	61·3	61·0
MEAN... ..	58·3	58·1	58·3	58·1	58·4	58·6	59·4	59·0	59·3	59·3	58·7
Annual range...	7·0	7·0	7·2	6·2	6·6	6·8	8·6	10·2	5·7	5·6	6·0

SIGNAL STATION, ALEXANDRIA.**Atmospheric Pressure.**

700 mm. +

THE MONTHLY MEANS FOR HOURS FOR 10 YEARS, 1891-1900.

MONTH	3 h.	6 h.	9 h.	12 h.	Noon.	18 h.	21 h.	Mdnt.	MEAN
January... ..	60·9	61·0	61·9	61·3	60·9	60·8	61·5	61·3	61·2
February	59·8	60·2	60·6	60·4	59·6	60·0	60·2	60·4	60·1
March	58·5	58·5	59·2	59·2	58·4	58·5	58·9	58·8	58·7
April	58·7	58·4	59·1	59·0	58·1	58·8	58·8	58·6	58·6
May	57·6	57·5	58·0	58·0	57·6	57·6	58·0	57·8	57·8
June	57·3	57·4	57·7	57·9	57·6	57·4	57·9	57·6	57·6
July	55·0	54·9	55·3	55·5	55·0	54·8	55·4	55·2	55·1
August	55·6	55·5	55·6	56·1	55·6	55·5	56·0	55·9	55·8
September	57·8	57·8	58·5	58·2	57·8	57·8	58·4	58·2	58·0
October	59·6	59·5	60·2	59·9	59·3	59·3	60·1	60·1	59·7
November	60·9	61·0	61·5	61·1	60·6	60·9	61·3	61·2	61·1
December	61·0	60·9	61·7	61·1	60·7	61·0	61·2	61·2	61·1
MEAN	58·5	58·5	59·1	59·0	58·4	58·5	59·0	58·7	58·7

SIGNAL STATION, ALEXANDRIA

TABLE I.

Atmospheric Pressure.

THE ABSOLUTE MAXIMA AND MINIMA FOR 10 YEARS, 1891-1900.

YEAR	ABSOLUTE		RANGE
	MAXIMUM	MINIMUM	
	700 mm. +	700 mm. +	
1891	66·7	46·4	20·3
1892	67·0	50·0	17·0
1893	66·3	47·4	18·9
1894	65·8	45·9	19·9
1895	68·2	48·8	19·4
1896	67·8	46·7	21·1
1897	69·4	50·3	19·1
1898	73·1	48·1	25 0
1899	68·3	51·6	16·7
1900	68·4	48·6	19·8

SIGNAL STATION, ALEXANDRIA

Atmospheric Pressure.

ABSOLUTE MAXIMA AND MINIMA FOR THE DIFFERENT MONTHS FOR 10 YEARS, 1891-1900.

MONTH	MAXIMUM	MINIMUM
	700 mm. +	700 mm. +
January	773·1	747·4
February	69·4	47·3
March	67·0	45·9
April	65·8	47·2
May... ..	64·9	44·8
June	62·4	51·8
July... ..	59·7	50·4
August	59·9	51·2
September	63·4	53·0
October	65·1	53·6
November	69·4	54·2
December	71·5	49·8

SIGNAL STATION, ALEXANDRIA.**Relative Humidity.**

MONTHLY AND YEARLY MEANS FOR THE 10 YEARS AND THE MINIMA RECORDED.

MONTH	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	MEAN
January	62	61	60	60	58	65	64	63	62	60	61·5
February	61	65	60	61	57	63	60	65	57	62	61·1
March	66	63	61	60	57	61	61	64	60	55	60·8
April	63	65	61	63	65	61	61	62	61	62	62·4
May... ..	66	68	69	67	63	63	62	65	67	62	65·2
June	72	73	69	68	67	70	68	70	65	71	69·3
July... ..	71	71	73	72	72	69	69	68	66	72	70·3
August	69	69	65	69	68	69	65	67	64	71	67·6
September	65	69	65	66	63	66	66	63	65	63	65·4
October	67	70	65	71	65	66	59	67	61	71	66·4
November	62	63	66	64	62	66	60	64	59	61	62·7
December	66	66	62	62	69	65	65	65	62	68	65·1
MEAN	66	67	65	65	64	66	63	65	62	66	64·8
Minimum recorded.	9	11	11	14	13	12	10	11	12	9	11·2

SIGNAL STATION, ALEXANDRIA.

Relative Humidity.

THE MONTHLY MEANS FOR HOURS FOR 10 YEARS, 1891-1900.

MONTH	3 h.	6 h.	9 h.	Noon.	15 h.	18 h.	21 h.	Mdnt.	MEAN
January... ..	67	68	64	56	54	59	62	64	62
February	67	69	62	53	52	59	64	66	65
March	65	69	61	51	51	59	63	65	61
April	69	72	60	51	53	61	66	68	62
May	74	74	60	52	56	63	70	73	65
June	78	77	64	60	60	67	75	76	69
July	79	78	67	61	61	67	76	78	71
August	75	74	64	58	58	66	72	74	67
September	72	72	63	55	56	66	70	70	66
October	73	73	64	56	58	66	68	71	66
November	69	70	61	55	55	62	64	67	63
December	71	72	66	58	58	62	65	68	65
MEAN	72	72	71	56	56	63	68	70	66

SIGNAL STATION, ALEXANDRIA.

TABLE M.

Vapour Tension.

THE MONTHLY AND YEARLY MEANS FOR 10 YEARS, 1891-1900.

MONTH	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	MEAN
	gram.	gram.	gram.	gram.	gram.	gram.	gram.	gram.	gram.	gram.	gram.
January	7·3	7·8	7·9	7·2	7·2	7·1	8·4	7·2	7·5	4·5	7·2
February	6·7	8·5	7·2	7·1	7·8	7·7	7·7	7·9	7·7	8·3	7·7
March	8·7	8·7	7·5	7·9	7·8	8·3	8·5	8·8	8·3	7·8	8·2
April	9·8	10·5	8·6	9·3	10·4	9·3	9·7	10·3	8·2	9·9	9·6
May... ..	12·1	12·4	11·8	12·3	12·0	16·8	11·3	12·2	13·3	12·1	12·6
June	15·8	16·2	15·2	15·4	14·6	15·1	14·8	16·1	15·0	15·3	15·3
July... ..	18·2	17·7	18·5	17·5	18·2	17·4	17·9	17·4	15·4	17·4	17·6
August	18·4	17·3	16·7	17·6	17·6	18·6	17·0	17·1	16·8	17·9	17·5
September	16·2	17·1	15·5	16·0	14·9	16·3	17·2	14·7	16·5	14·3	15·9
October	14·1	16·4	13·8	16·6	13·2	14·9	12·7	15·5	12·9	15·2	14·5
November	11·2	10·8	12·4	11·0	10·8	12·3	8·9	12·0	9·8	10·6	11·0
December	9·1	9·0	8·6	8·2	9·4	9·6	8·1	9·0	5·0	8·5	8·4
MEAN... ..	12·3	12·7	11·9	12·2	11·9	12·3	11·8	12·3	11·4	11·2	12·0

SIGNAL STATION, ALEXANDRIA.

Vapour Tension,

THE MONTHLY MEANS FOR HOURS FOR 10 YEARS, 1891-1900.

MONTH	3 h.	6 h.	9 h.	Noon	15 h.	18 h.	21 h.	Mdnt.	MEAN
	gram.	gram.	gram.	gram.	gram.	gram.	gram.	gram.	gram.
January... ..	7·3	7·1	7·4	7·7	7·5	7·4	7·4	7·3	7·3
February	7·6	7·7	7·6	7·7	7·6	7·5	7·9	7·8	7·7
March	8·2	8·1	8·3	7·8	8·3	8·3	8·3	8·2	8·2
April	9·6	9·7	9·8	9·4	9·9	10·0	9·9	9·8	9·6
May	12·1	12·1	12·0	11·7	12·4	12·4	12·4	12·2	12·2
June	14·8	15·2	15·3	15·3	15·6	15·7	15·5	15·3	15·4
July	17·5	17·4	17·7	17·7	18·1	17·5	17·8	17·6	17·7
August	17·2	16·9	17·4	17·3	17·7	17·8	17·7	17·4	17·4
September	15·4	15·6	16·0	15·3	16·1	16·0	16·1	15·8	15·9
October	14·4	14·1	14·7	14·5	14·6	14·7	14·9	16·6	14·6
November	10·9	10·8	11·2	11·1	10·8	10·8	10·8	10·9	10·9
December	8·8	8·3	8·7	8·8	8·8	8·8	8·7	8·7	8·7
MEAN	12·0	11·3	12·2	11·4	12·3	12·2	12·4	12·3	12·1

SIGNAL STATION, ALEXANDRIA.

Vapour Tension.

ABSOLUTE MAXIMA AND MINIMA FOR 10 YEARS, 1891-1900.

YEAR	MAXIMA	MINIMA
	gram.	gram.
1891	22·6	3·8
1892	23·3	2·1
1893	23·8	2·8
1894	23·0	3·4
1895	23·5	2·9
1896	23·1	4·1
1897	22·2	2·6
1898	24·9	1·4
1899	23·2	3·0
1900	25·8	2·4
Extreme value... ..	25·8	1·4

SIGNAL STATION, ALEXANDRIA

Vapour Tension.

ABSOLUTE MAXIMA AND MINIMA FOR DIFFERENT MONTHS DURING THE YEARS, 1891-1900.

MONTH	MAXIMA	MINIMA
	gram.	gram.
January	12.4	2.4
February	13.5	1.4
March	14.2	2.1
April	15.6	2.6
May... ..	19.4	4.2
June	21.1	8.6
July... ..	23.8	11.2
August	25.8	11.2
September	23.5	6.3
October	21.9	5.6
November	18.4	4.7
December	16.9	3.1
Extreme value	25.8	1.4

SIGNAL STATION, ALEXANDRIA.

Evaporation.

Millimetres.

10 YEARS, 1891-1900.

MONTH	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	MEAN
January	258·1	209·5	170·7	122·7	121·7	144·5	143·8	95·5	125·5	141·5	153·3
February... ..	245·9	187·7	132·6	117·9	130·0	123·7	129·8	103·1	117·6	92·7	138·1
March	307·3	254·0	172·5	145·3	164·8	151·3	173·2	123·9	117·6	158·7	176·9
April..	264·7	200·1	168·9	161·5	166·1	157·7	189·5	150·9	159·0	168·1	178·6
May... ..	275·3	214·9	181·9	172·2	196·1	186·2	198·4	193·3	155·7	205·2	197·9
June	238·8	231·1	199·9	194·6	202·9	182·6	174·5	238·5	160·3	203·7	202·7
July... ..	277·9	233·4	213·1	207·8	200·4	226·8	212·1	257·8	163·1	210·1	220·2
August	288·8	204·5	219·5	228·6	233·2	221·0	219·7	246·3	171·7	237·0	198·1
September	312·9	199·9	203·2	207·8	141·0	222·5	198·9	214·6	175·5	210·8	206·6
October	257·6	179·8	194·3	163·8	157·7	173·0	168·1	219·5	172·0	194·3	188·0
November	201·4	157·0	137·9	154·9	141·2	133·1	128·0	180·8	148·1	156·7	153·9
December	197·4	137·4	138·4	145·8	123·7	119·1	107·7	115·8	163·1	124·5	137·1
TOTAL of year ...	3126·1	2409·3	2132·9	2022·9	1978·8	2041·5	2043·7	2140·0	1828·9	2103·3	2151·6

The amount of evaporation is determined by the loss of water in an open reservoir, being measured by a graduated measuring-glass.

SIGNAL STATION, ALEXANDRIA.**Rainfall.**

Millimetres.

10 YEARS, 1891-1900.

MONTH	1891	1892	1893	1894	1895	1896	1897	1898	1899	1900	MEAN
January	8·64	50·80	88·90	52·07	0·76	68·58	126·49	56·90	72·64	13·72	53·95
February	8·89	11·43	26·67	17·02	0·51	44·96	12·45	46·48	22·61	33·27	22·43
March	6·60	12·95	52·83	39·62	3·81	19·30	13·72	0·59	2·54	16·00	16·80
April ... ..	...	2·03	1·78	Drops.	16·51	2·54	Drops.	Drops.	Drops.	0·51	2·34
May... ..	...	2·03	3·30	6·10	Drops.	Drops.	Drops.	Drops.	...	1·52	12·95
June ... ..	...	...	...	...	...	...	...	...	...	Drops.	...
July... ..	...	...	...	...	...	...	...	...	...	Drops.	...
August ... ..	...	...	...	...	...	...	...	...	...	...	...
September	5·59	...	Drops.	...	Drops.	1·27	...	...	0·51	...	0·74
October ... ..	...	11·41	5·84	...	...	0·76	13·97	Drops.	57·91	...	8·99
November	2·03	85·09	11·43	101·60	45·47	40·64	1·02	60·20	25·15	9·62	38·22
December	76·45	22·61	107·44	30·23	99·82	27·43	106·93	143·76	64·26	125·22	80·41
TOTAL... ..	108·20	198·35	298·19	246·64	166·88	205·48	274·58	307·93	245·62	199·86	225·17

SIGNAL STATION, ALEXANDRIA

TABLE S.

Days on which Rain fell (1st column) and days on which Rainfall was 0^m.10 or above (2nd column).

(The figures = days).

MONTH	1891		1892		1893		1894		1895		1896		1897		1898		1899		1900		MEANS	
January	9	...	6	1	14	2	17	1	1	1	24	5	17	2	14	4	9	7	6	4	11.7	2.7
February	11	...	4	1	7	2	9	2	1	3	8	1	7	5	7	1	5	5	10	3	6.9	2.3
March	7	...	7	1	13	1	11	1	2	2	6	2	6	...	3	4	2	5	3	6	6.0	2.2
April ... ..	...	...	3	2	1	2	...	3	3	2	1	3	...	2	...	1	...	3	2	3	1.0	2.1
May ... ..	...	...	2	...	2	...	2	1	...	3	...	4	...	6	...	2	...	...	1	2	0.7	1.8
June ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	0.1
July ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2	...	0.2
August ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1	...	...	...	0.1
September ... ..	...	...	...	...	...	2	...	...	...	...	1	...	...	...	...	...	1	...	...	...	0.2	0.2
October	1	...	2	2	4	4	...	...	...	...	1	1	4	1	...	2	6	5	...	...	1.8	1.5
November	2	...	9	9	2	2	17	5	8	2	8	1	13	2	7	5	5	4	2	5	7.3	3.0
December	14	...	5	5	14	2	9	1	12	...	5	1	13	3	12	2	8	11	18	4	11.0	2.8
TOTAL	44	...	38	16	58	17	65	14	27	13	54	18	60	21	43	21	36	41	42	30	46.6	19.1

SIGNAL STATION, ALEXANDRIA.

TABLE T.

Wind.

PERCENTAGE DAYS OF PREDOMINANT WIND FOR DIFFERENT MONTHS FOR 10 YEARS, 1891-1900.

MONTH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Calm	Variable
January	4.5	3.2	5.5	2.2	2.6	2.2	7.4	4.5	1.6	3.2	10.7	9.7	10.4	7.4	9.1	4.2	1.3	...
February	7.1	4.3	8.2	1.8	1.8	2.8	6.1	1.1	2.1	2.5	9.2	7.5	12.1	10.0	18.1	5.0	0.4	...
March	7.5	7.2	11.0	1.1	1.4	4.3	7.5	1.1	1.4	1.1	2.6	4.0	2.6	15.7	24.7	7.5	0.3	1.1
April	16.9	7.6	17.6	0.3	3.0	4.0	5.3	0.7	...	...	1.0	0.7	4.3	9.6	19.6	8.0	0.3	1.0
May	15.5	8.4	10.6	1.0	1.6	5.2	8.0	0.6	...	...	...	0.6	1.6	11.6	23.9	11.0	...	0.6
June	24.7	7.3	5.3	1.0	...	0.3	0.6	...	...	...	...	...	0.3	7.7	36.3	16.0	...	0.3
July	13.9	1.6	0.3	...	...	...	...	...	...	...	...	0.3	1.6	10.3	48.1	23.9	...	...
August	14.0	1.4	0.1	...	...	...	...	...	...	...	...	...	...	3.6	51.1	30.9	...	0.3
September	26.6	10.0	4.7	...	1.3	0.3	0.3	0.7	...	...	...	0.3	0.3	4.3	25.7	25.0	...	0.7
October	19.7	22.3	17.4	1.3	0.3	1.0	1.9	1.3	0.3	...	0.3	...	1.6	4.8	13.9	11.6	...	2.3
November	19.0	10.3	13.7	2.3	2.3	1.3	4.3	1.7	...	1.3	5.0	2.7	3.3	5.7	13.0	12.7	...	1.3
December	5.8	3.2	8.7	2.9	4.5	2.6	5.8	2.9	2.0	3.5	17.1	3.9	9.4	8.4	12.3	5.8	0.6	0.6
MEAN	14.6	7.2	8.6	1.2	1.6	2.0	3.9	1.2	0.6	1.0	3.8	2.4	4.0	8.1	23.9	13.5	0.2	0.7

SECOND ORDER AND CLIMATOLOGICAL STATIONS.

Latitude, 30° 4' 36" N. Longitude, 31° 17' 13" E. of Greenw

MONTH	BAROMETRIC PRESSURE			TEMPERATURE										ABSOLUTE HUMIDITY			
	Mean	Maximum	Minimum	6 h.	14 h. 30	21 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	6 h.	14 h. 30	21 h.	Mean
1900																	
January	762.3	768.4	757.2	8.1	18.0	12.2	12.8	18.6	6.5	23.2	21	2.1	26	6.4	6.4	6.7	6.4
February	58.7	64.8	52.7	11.7	19.6	15.2	15.5	21.6	11.0	32.3	18	7.7	1	7.7	7.6	8.0	7.7
March	59.4	63.9	53.0	12.7	23.7	17.2	17.9	25.5	10.3	37.3	30	3.5	23	7.2	5.6	6.7	6.7
April	59.3	64.7	51.3	14.2	27.3	19.5	20.3	30.1	12.4	37.8	7	8.5	15	8.4	7.4	8.4	8.4
May	57.2	62.2	49.0	18.9	32.2	24.8	25.3	34.6	17.5	41.5	4, 12	13.5	10	10.5	8.0	8.8	9.9
June	57.0	59.7	53.4	20.1	33.7	26.1	26.5	35.9	18.6	41.5	8	15.0	2	13.3	10.6	11.4	11.1
July	54.2	57.1	50.6	21.9	34.9	27.9	28.2	37.2	21.9	40.6	2	17.1	22	16.1	11.8	14.0	14.1
August	54.8	57.8	52.0	21.4	34.1	26.7	27.4	35.1	20.6	38.0	2	15.5	7	16.5	12.4	14.5	14.1
September	58.2	61.3	54.7	18.5	29.8	22.5	23.6	30.6	17.9	33.5	1	15.4	29	14.0	12.0	13.9	13.5
October	59.8	63.5	55.9	17.9	28.8	21.5	22.7	29.5	16.3	32.1	29	12.2	31	13.9	11.8	13.7	13.5
November	60.2	63.4	56.7	13.2	23.8	17.2	18.1	24.5	11.3	31.6	15	7.7	25	9.0	8.8	9.6	9.4
December	60.4	65.7	54.2	11.6	18.8	14.6	15.0	19.7	9.5	26.8	6	5.7	22	7.9	8.0	8.2	8.1
MEAN	758.37	762.71	753.40	15.85	27.06	20.45	21.11	28.57	14.48	...		...		10.91	9.2	10.3	10.1

IA

meter above Sea-level, 33 metres.

RELATIVE HUMIDITY				CLOUDS				RAINFALL			DAYS WITH		WIND DIRECTIONS (OBSERVED)								
14 h. 30	21 h.	Mean		6 h.	14 h. 30	21 h.	Mean	Total mm.	Maximum 1 day		≥ 0.1 mm.	≥ 1.0 mm.	N	NE	E	SE	S	SW	W	NW	Calm
									Amount	Date											
45	65	63		3.3	4.2	2.4	3.3	4.0	4.0	22nd	...	1	15	13	...	...	10	8	16	8	21
45	64	62		5.2	5.2	3.0	4.5	28.4	24.6	25th	1	3	5	6	...	...	14	28	13	10	8
30	51	50		3.7	4.7	2.1	3.5	...	...	...	...	...	15	16	1	1	13	11	9	13	14
29	51	51		3.6	3.4	1.5	2.8	0.3	0.2	6th	2	...	24	34	2	...	2	2	6	9	11
23	40	43		5.5	5.3	2.3	4.4	...	...	...	3	...	15	24	3	...	4	6	4	23	15
29	45	50		4.2	3.0	1.3	2.8	...	...	...	...	...	42	26	1	...	...	1	...	11	9
28	50	53		4.0	0.5	0.0	1.5	...	...	...	...	...	50	5	...	...	...	1	2	20	15
32	56	58		2.9	0.1	0.0	1.0	...	...	...	...	...	41	5	...	...	...	1	...	18	28
39	79	65		3.5	1.4	0.1	1.7	...	...	...	...	...	36	7	...	...	...	...	...	11	36
40	71	67		6.3	3.2	1.0	3.5	...	...	...	...	...	38	5	...	...	...	...	...	7	42
40	65	62		3.6	2.8	1.1	2.5	...	...	...	...	...	22	8	2	...	2	5	1	3	47
57	67	65		5.7	5.4	4.2	5.1	19.4	8.3	24th	5	3	4	4	1	1	20	16	12	13	32
36.1	58.8	57.4		4.3	3.3	1.4	3.0	52.1	37.1	I II	11	7	307	153	10	2	65	79	63	146	278

[illegible]

[illegible]

Latitude, 27° 11' N. Longitude, 31° 12' 36" E. of Greenwich.

MONTH	BAROMETRIC PRESSURE			TEMPERATURE										ABSOLUTE HUMIDITY			
	Mean	Maximum	Minimum	6 h.	14 h. 30	21 h.	Mean	Mean Maximum	Mean Minimum	Absolute Maximum	Date	Absolute Minimum	Date	6 h.	14 h. 30	21 h.	Mean
1900																	
January ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
February ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
March ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
April ... ..	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
May	754.39	759.17	748.95	21.9	37.0	28.5	29.2	38.7	20.2	46.0	5	15.0	15	11.7	13.6	13.1	12.8
June	53.11	56.09	50.82	23.6	37.3	30.5	30.5	38.4	21.6	47.5	11	17.5	1	15.0	17.8	15.5	16.1
July	50.0	53.10	46.00	25.2	37.4	31.8	31.5	38.3	23.3	44.0	17	15.5	11	12.3	7.8	8.3	9.5
August	50.66	53.21	48.04	27.9*	...	30.8	29.3	37.7	23.1	42.5	7	22.0	18	13.2*	...	13.52	13.35
September	53.58	56.53	51.32	22.8*	...	26.4	24.6	32.2	20.3	36.0	3, 4	18.0	22	13.60*	...	14.28	13.94
October	55.75	...	...	21.4*	...	...	...	30.2	17.2	36.5	23	14.0	19	13.53*	...	...	...
November	56.52	60.02	54.56	16.4*	...	17.3	16.8	27.3	11.4	34.0	1, 2	7.0	27, 28	10.00*	...	9.92	9.96
December	57.31	61.50	51.20	12.1	20.2	13.4	15.2	22.4	8.3	28.0	6	3.0	31	7.77	7.79	7.98	7.88
...
				* 8 h.										* 8 h.			

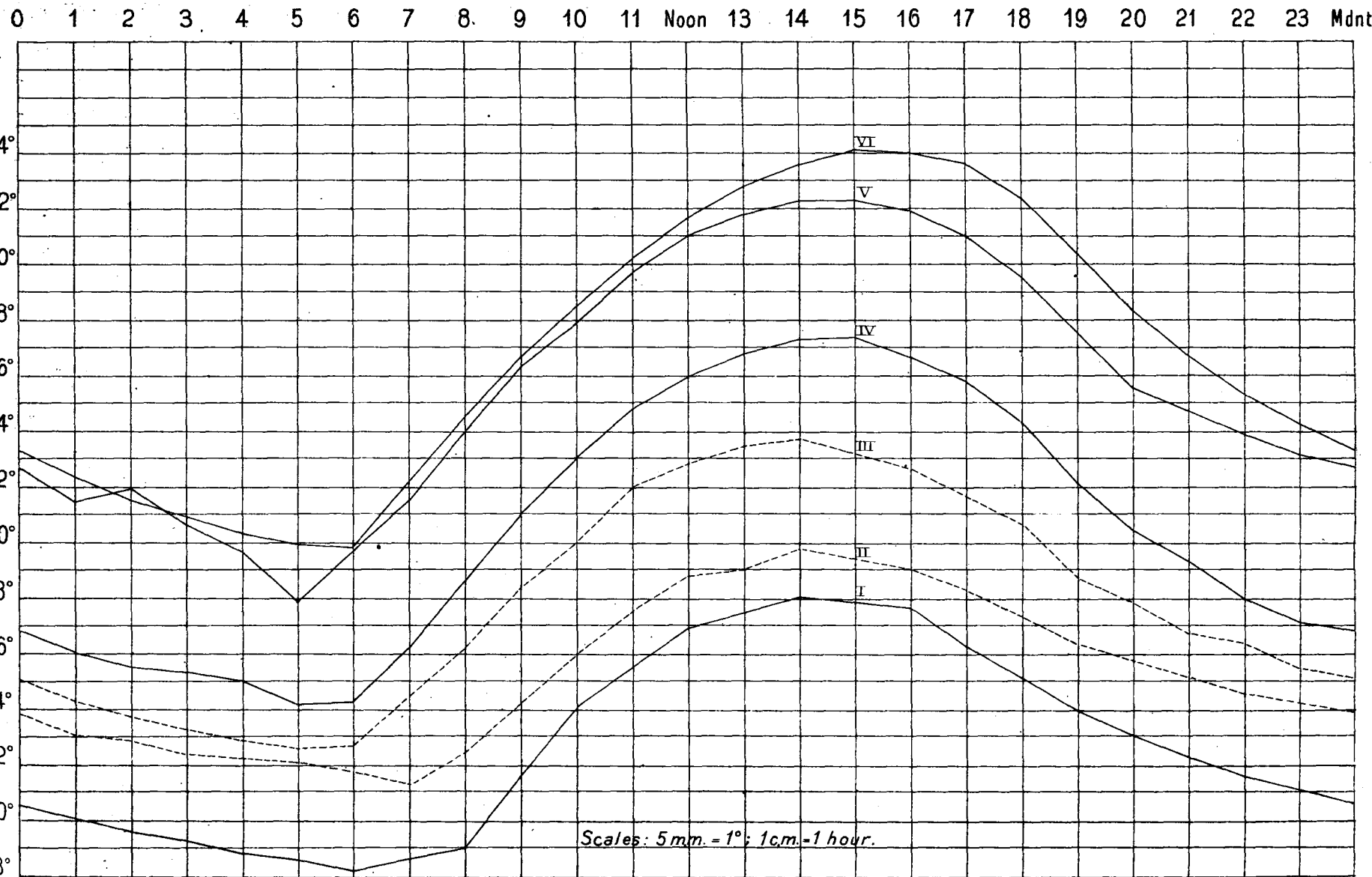
[illegible]

Latitude, 15° 38' 20" N. Longitude, 32° 29' 30" E. of Greenwich

[illegible]

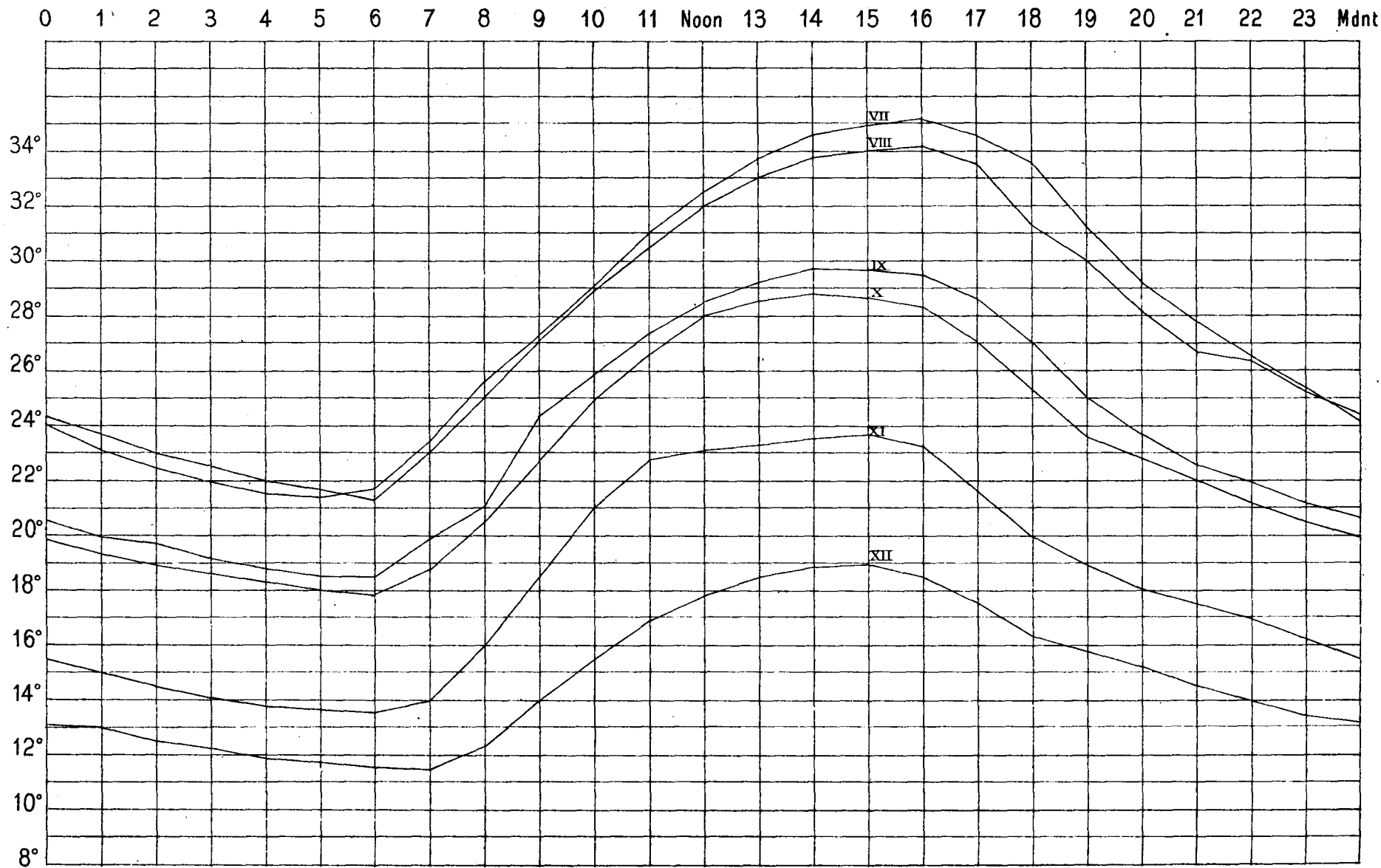
ABBASSIA. MEAN DIURNAL VARIATION OF TEMPERATURE. JANUARY-JUNE, 1900.

PLATE II



ABBASSIA. MEAN DIURNAL VARIATION OF TEMPERATURE. JULY-DECEMBER, 1900.

PLATE I



ABBASSIA. MEAN DIURNAL VARIATION, BAROMETRIC PRESSURE. JANUARY-JUNE

PLATE II⁹

0 1 2 3 4 5 6 7 8 9 10 11 Noon 13 14 15 16 17 18 19 20 21 22 23 Mnt

m.m.

764

763

762

761

760

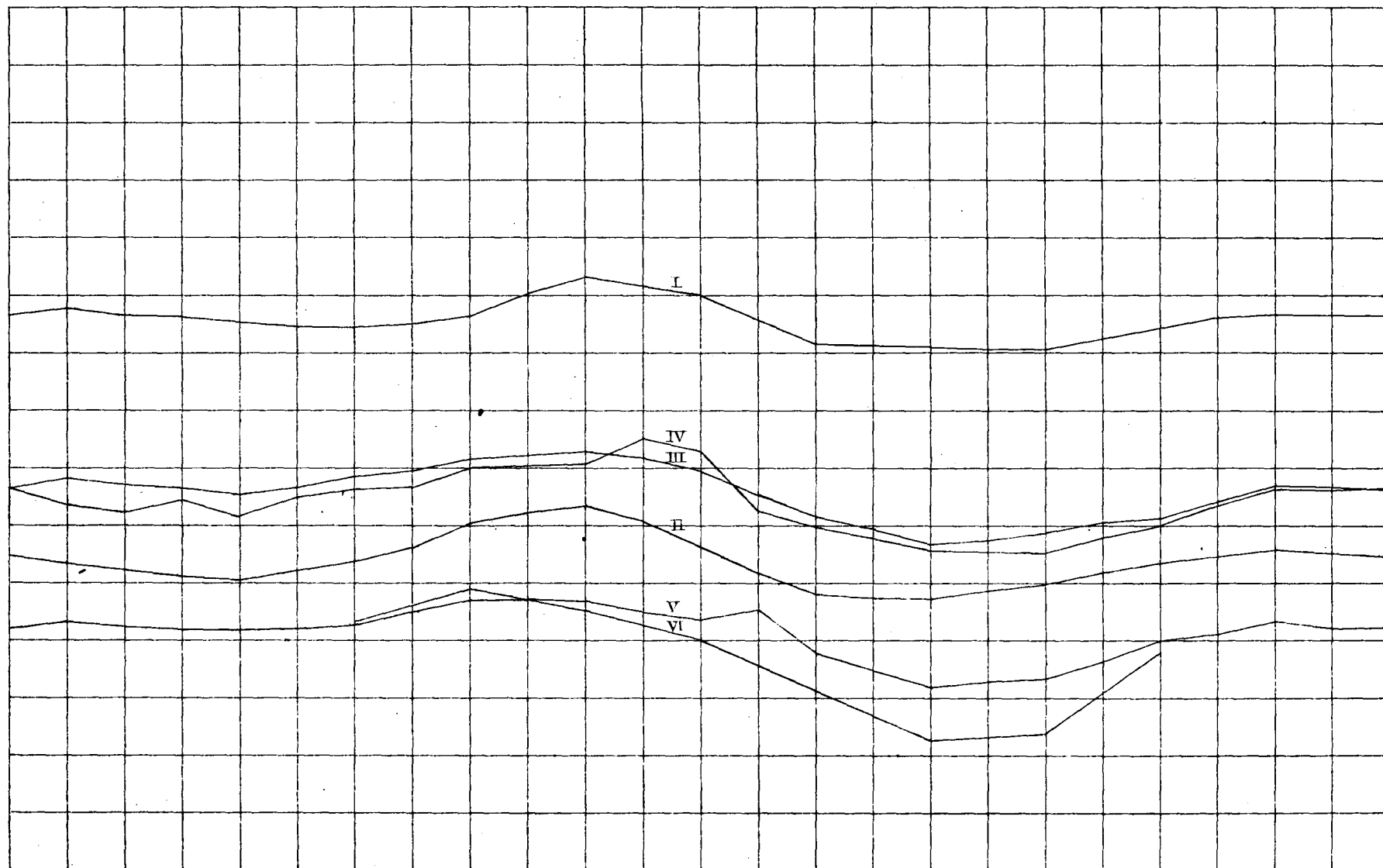
759

758

757

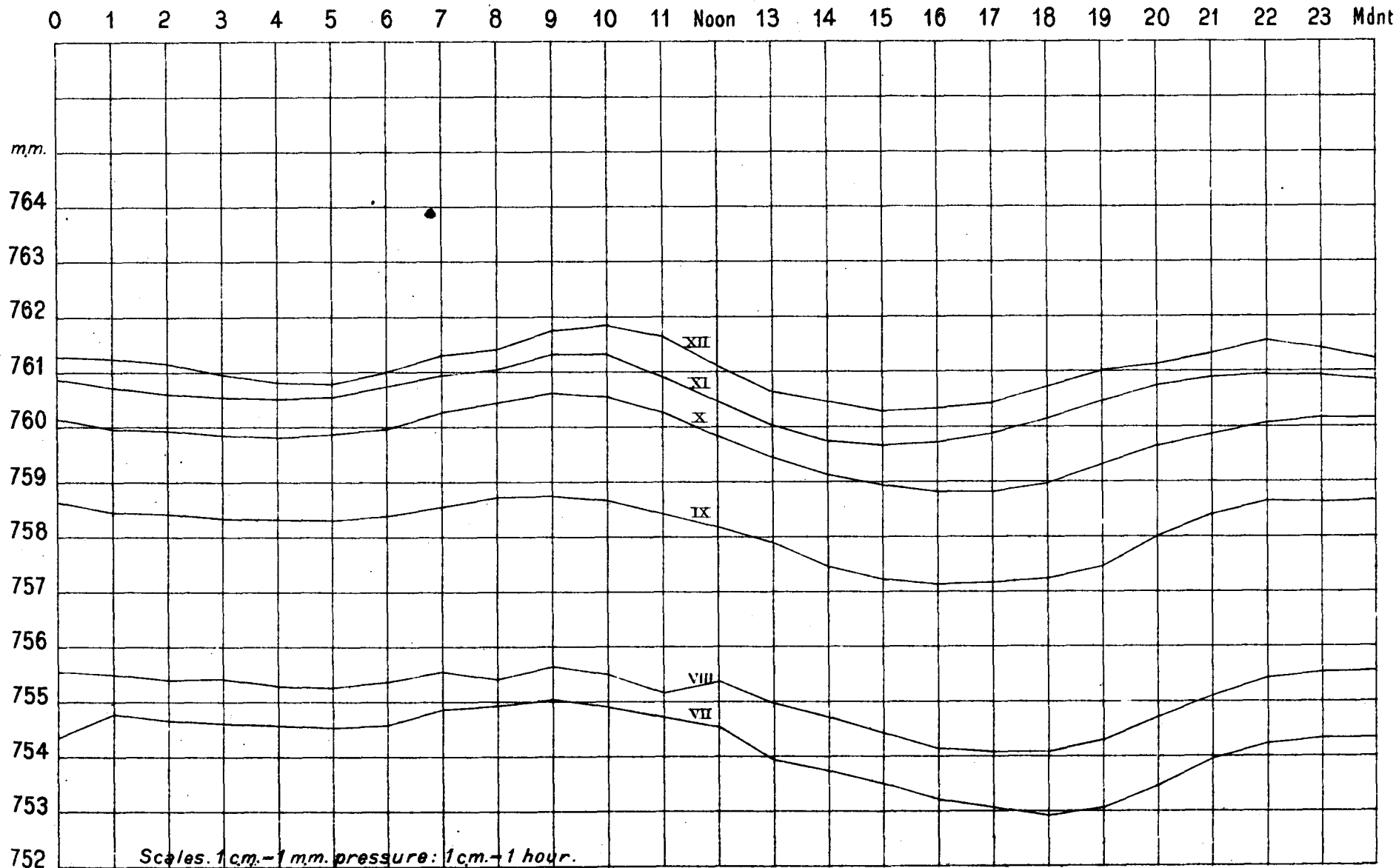
756

755



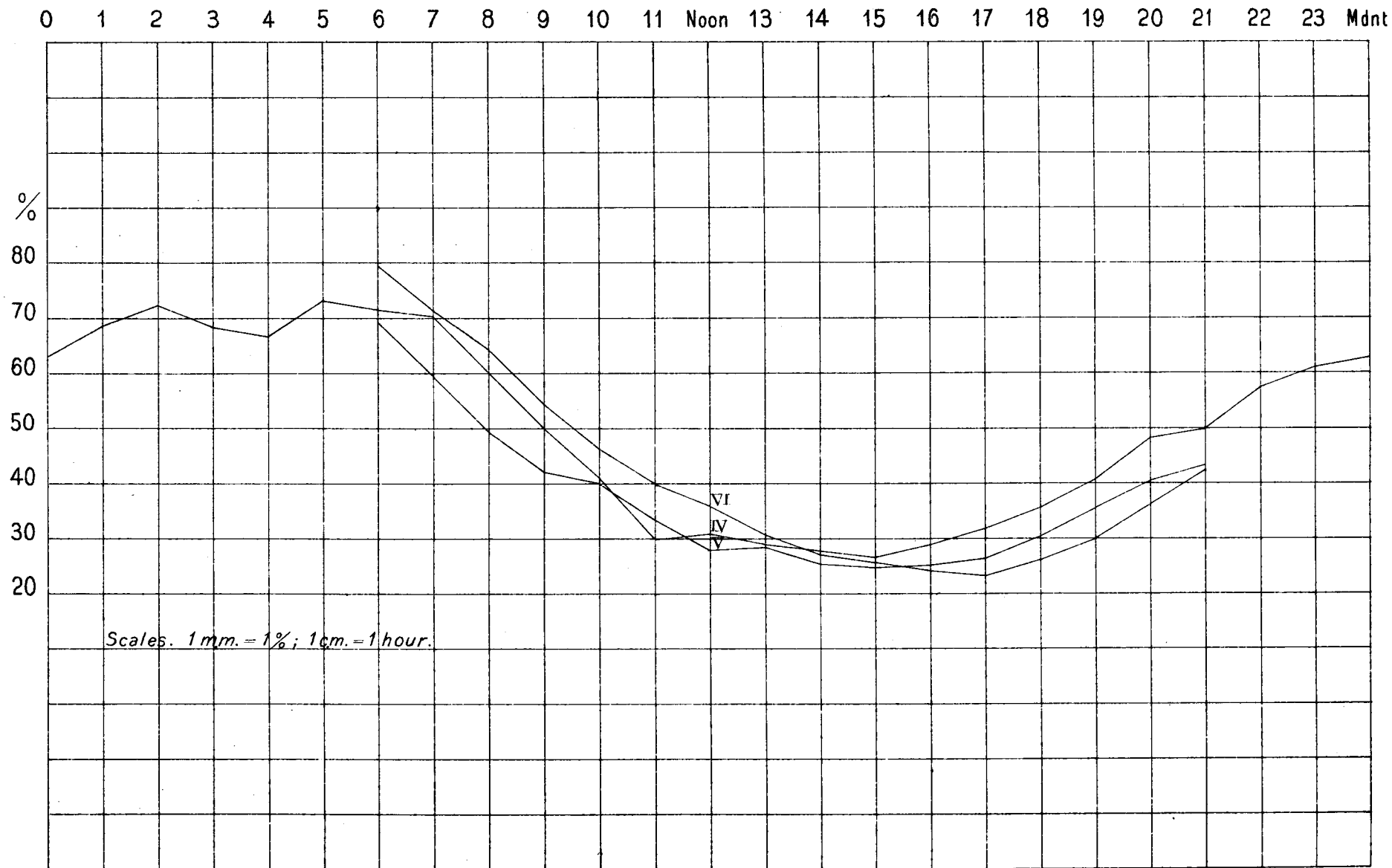
ABBASSIA. MEAN DIURNAL VARIATION, BAROMETRIC PRESSURE. JULY-DECEMBER

PLATE II^b



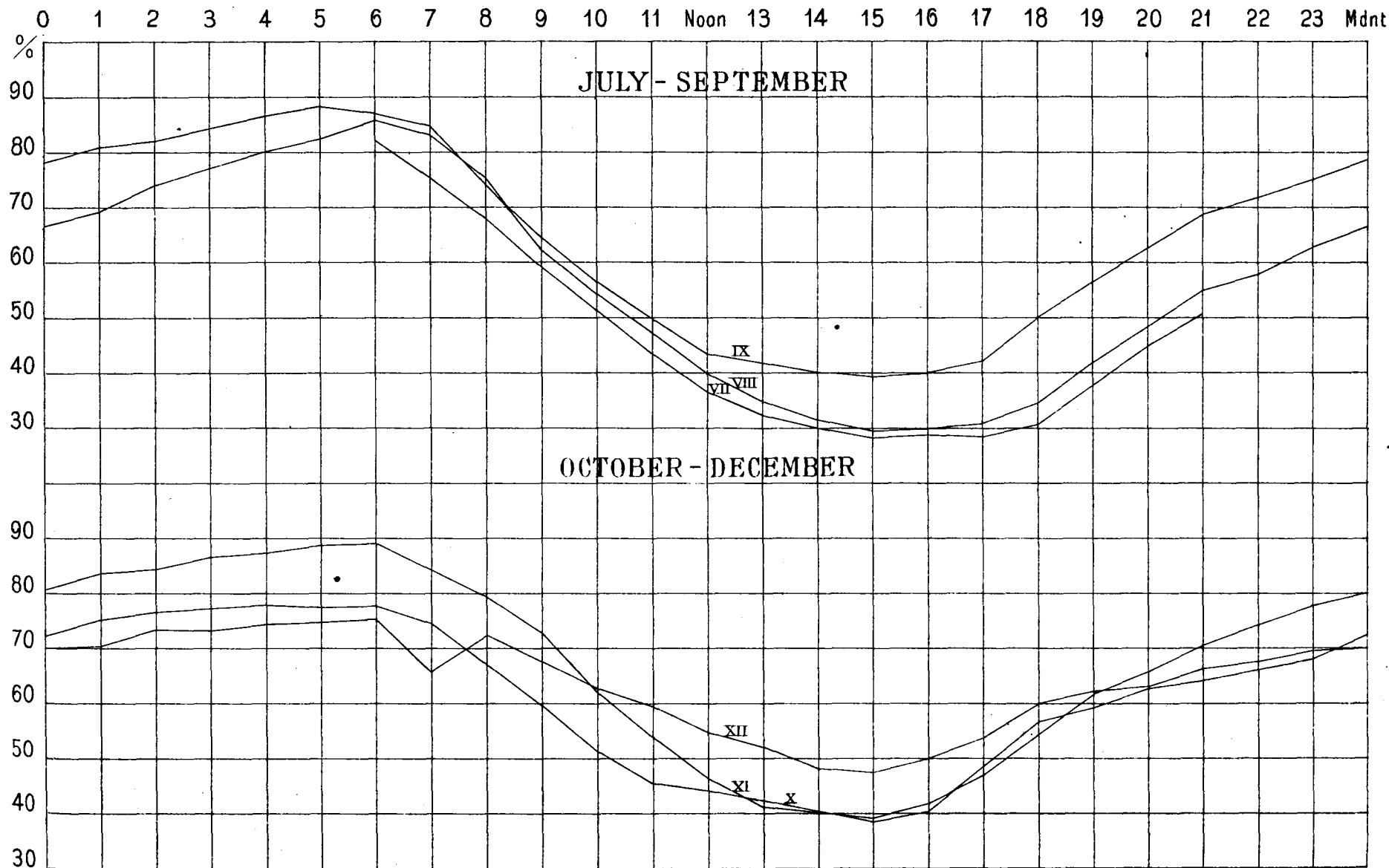
ABBASSIA. MEAN DIURNAL VARIATION OF RELATIVE HUMIDITY. APRIL - JUNE

PLATE III.



ABBASSIA. MEAN DIURNAL VARIATION OF RELATIVE HUMIDITY.

PLATE III.



ABBASSIA. MEAN DIURNAL VARIATION OF VAPOUR TENSION. APRIL - JUNE

PLATE IVa

0 1 2 3 4 5 6 7 8 9 10 11 Noon 13 14 15 16 17 18 19 20 21 22 23 Mdn

mm.

15

14

13

12

11

10

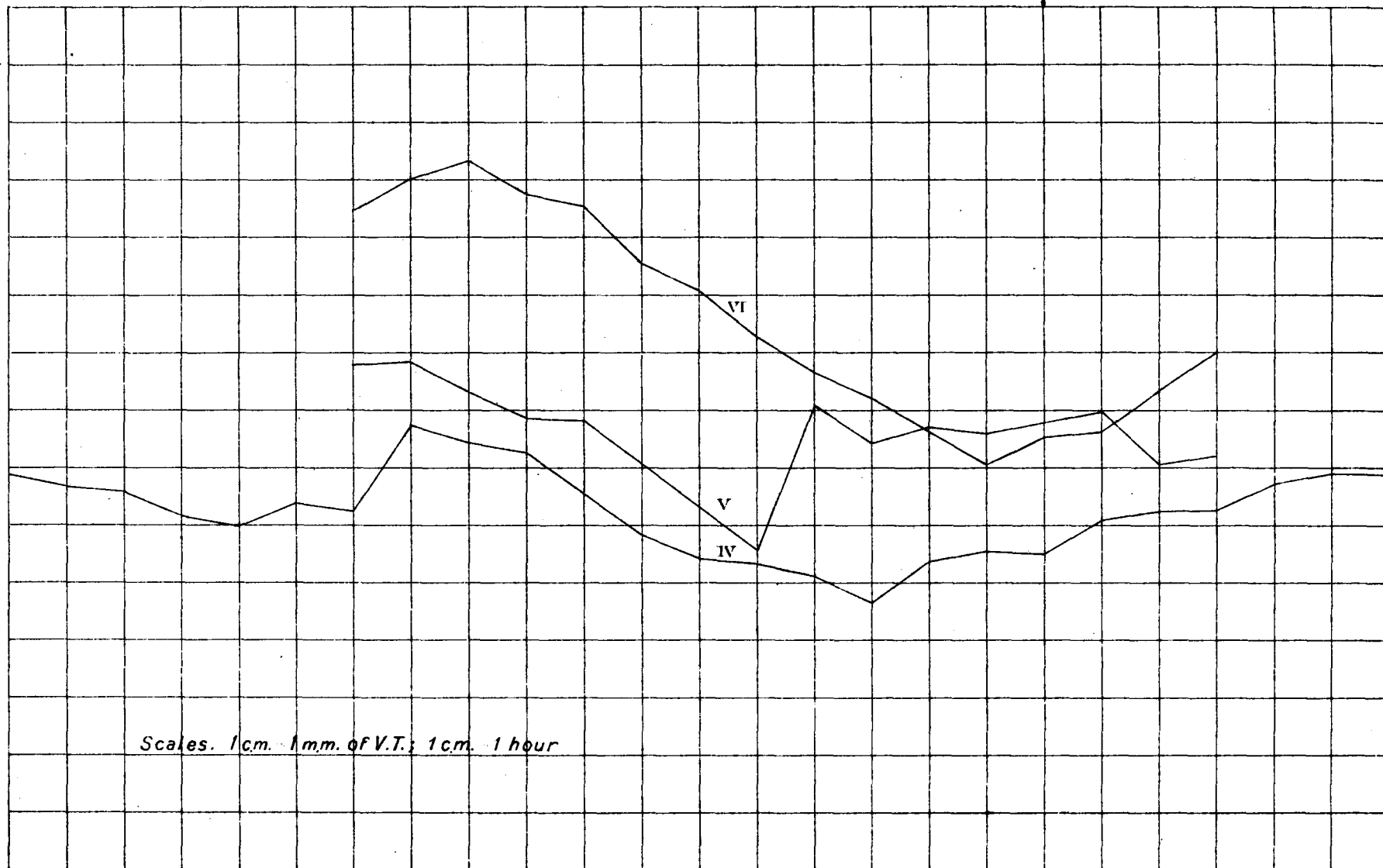
9

8

7

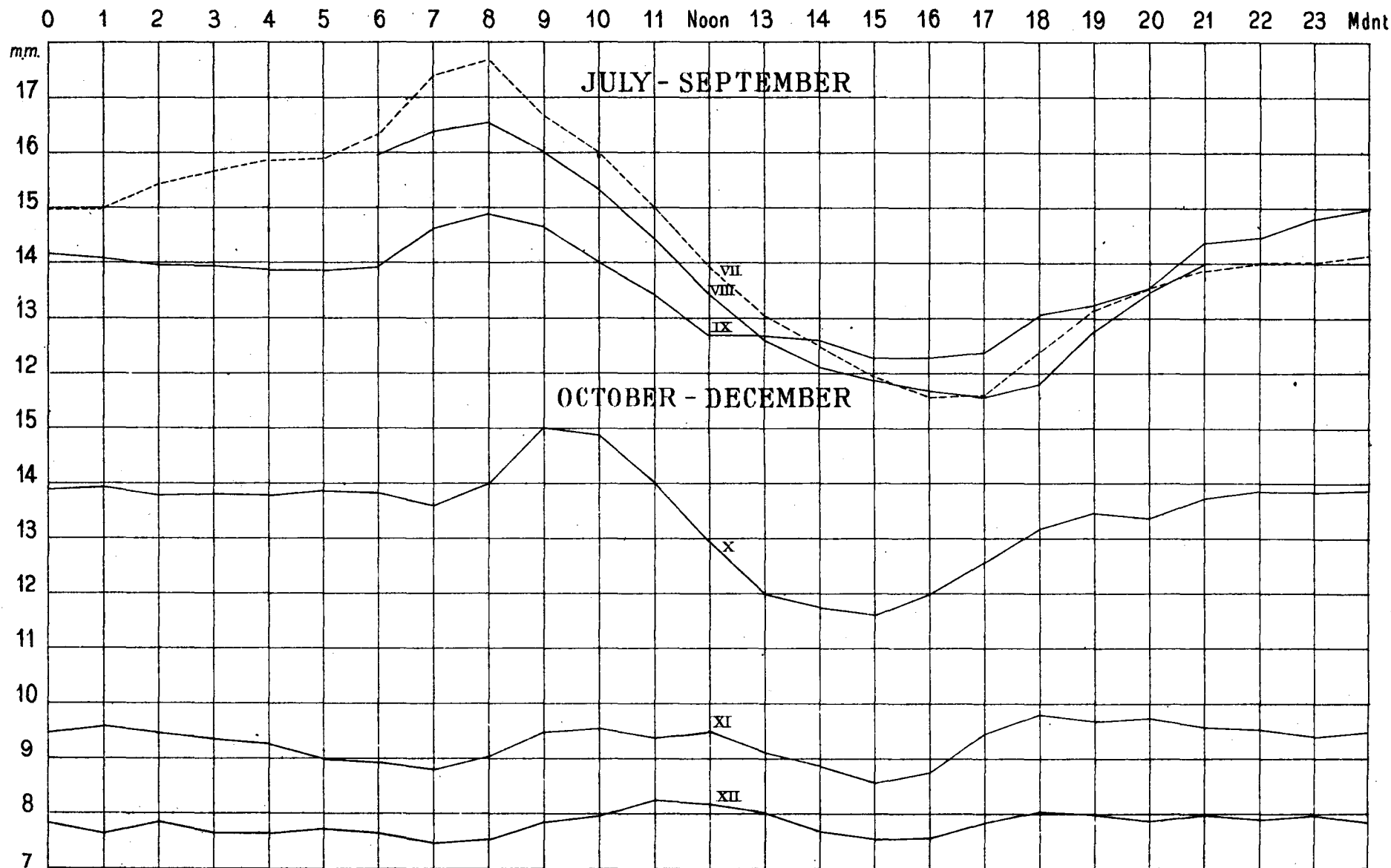
6

Scales. 1cm. 1mm. of V.T.; 1cm. 1 hour

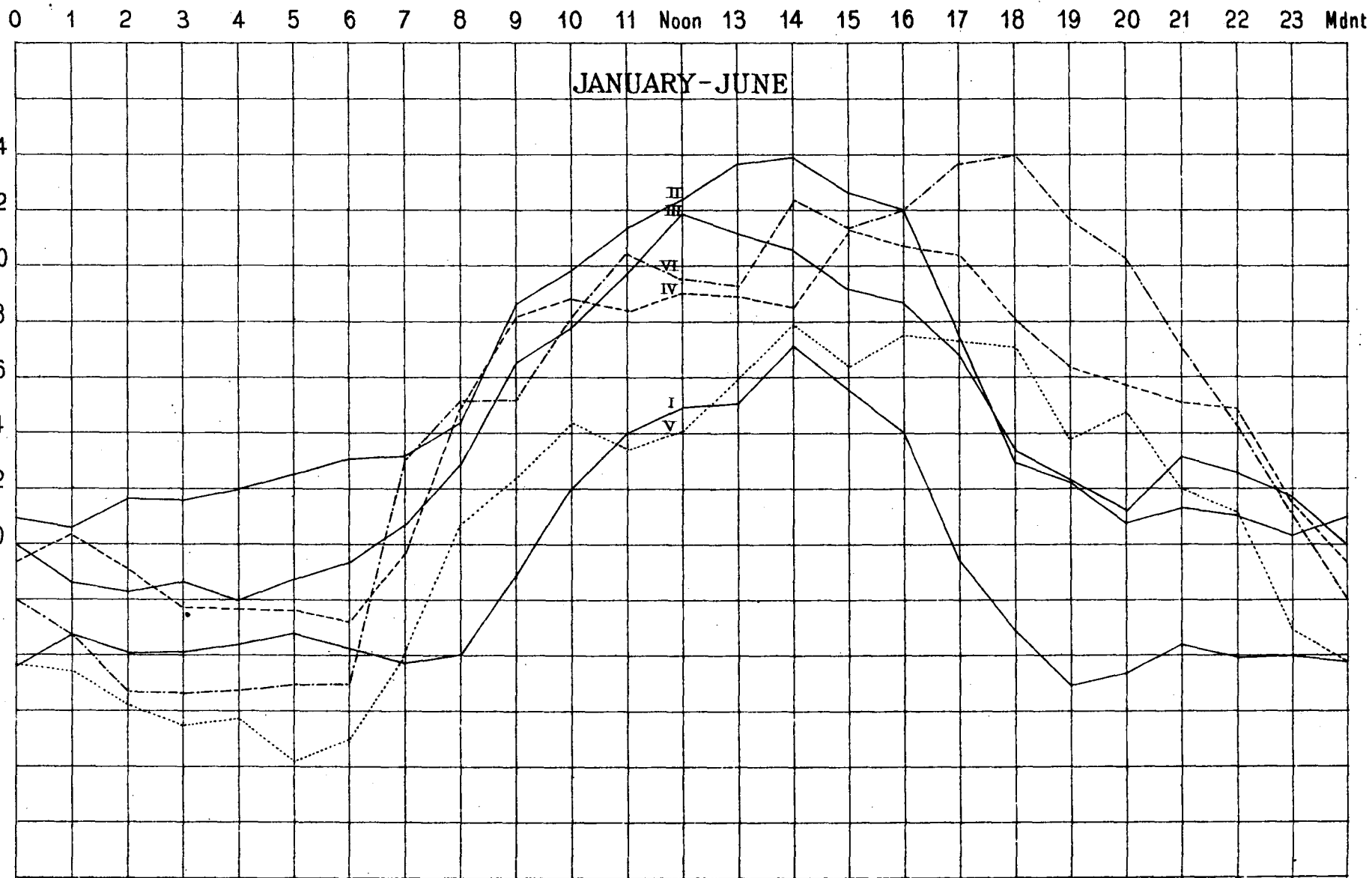


ABBASSIA. MEAN DIURNAL VARIATION OF VAPOUR TENSION.

PLATE IV?



ABBASSIA. MEAN DIURNAL VARIATION, OF WIND VELOCITY IN KILOM. PER HOUR PLATE V?



ABBASSIA. MEAN DIURNAL VARIATION, OF WIND VELOCITY IN KILOM. PER HOUR. PLATE Vb

0 1 2 3 4 5 6 7 8 9 10 11 Noon 13 14 15 16 17 18 19 20 21 22 23 Mnt

km.ph.

JULY-DECEMBER

20

18

16

14

12

10

8

6

4

2

0

VII

IX

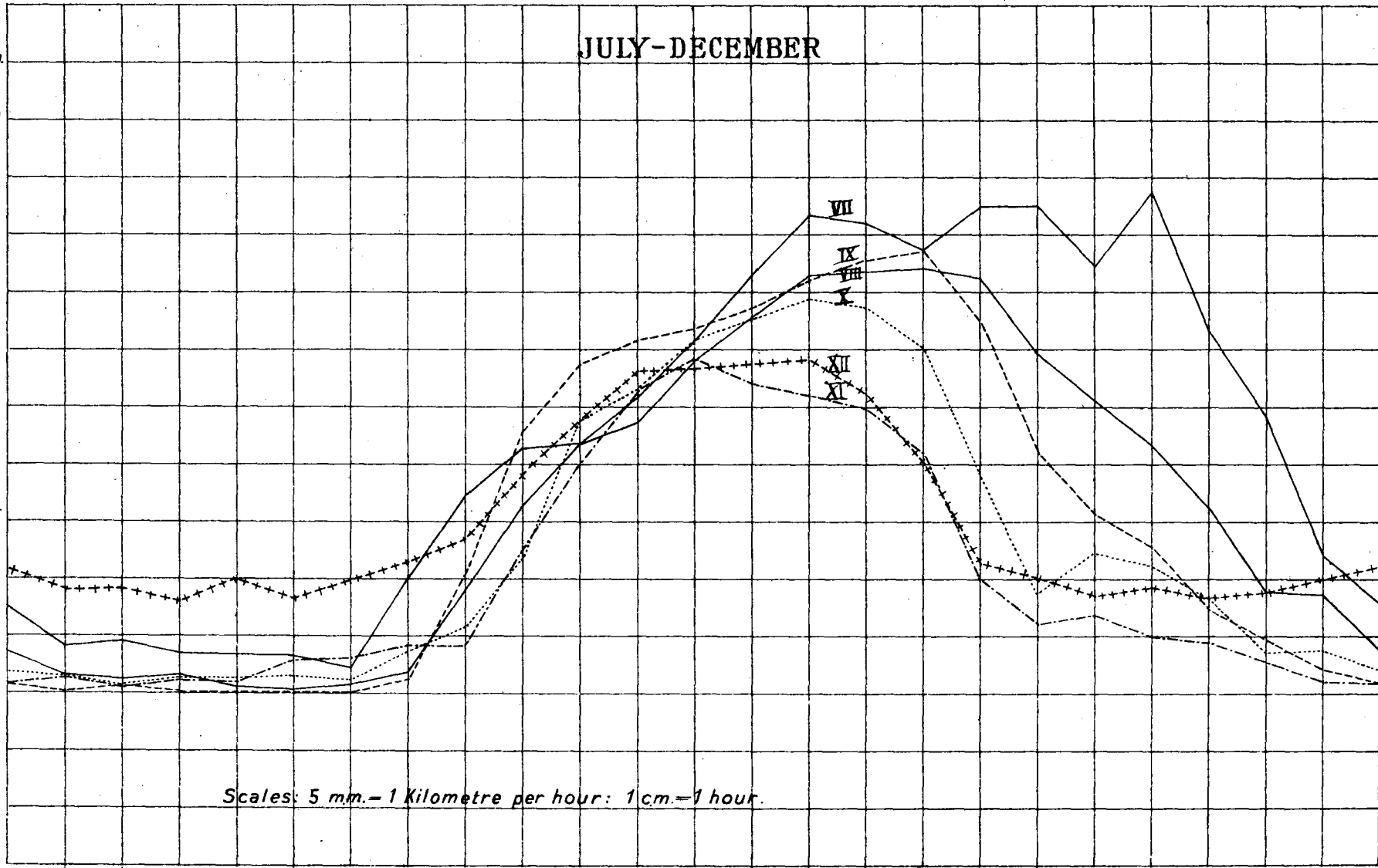
VIII

X

XII

XI

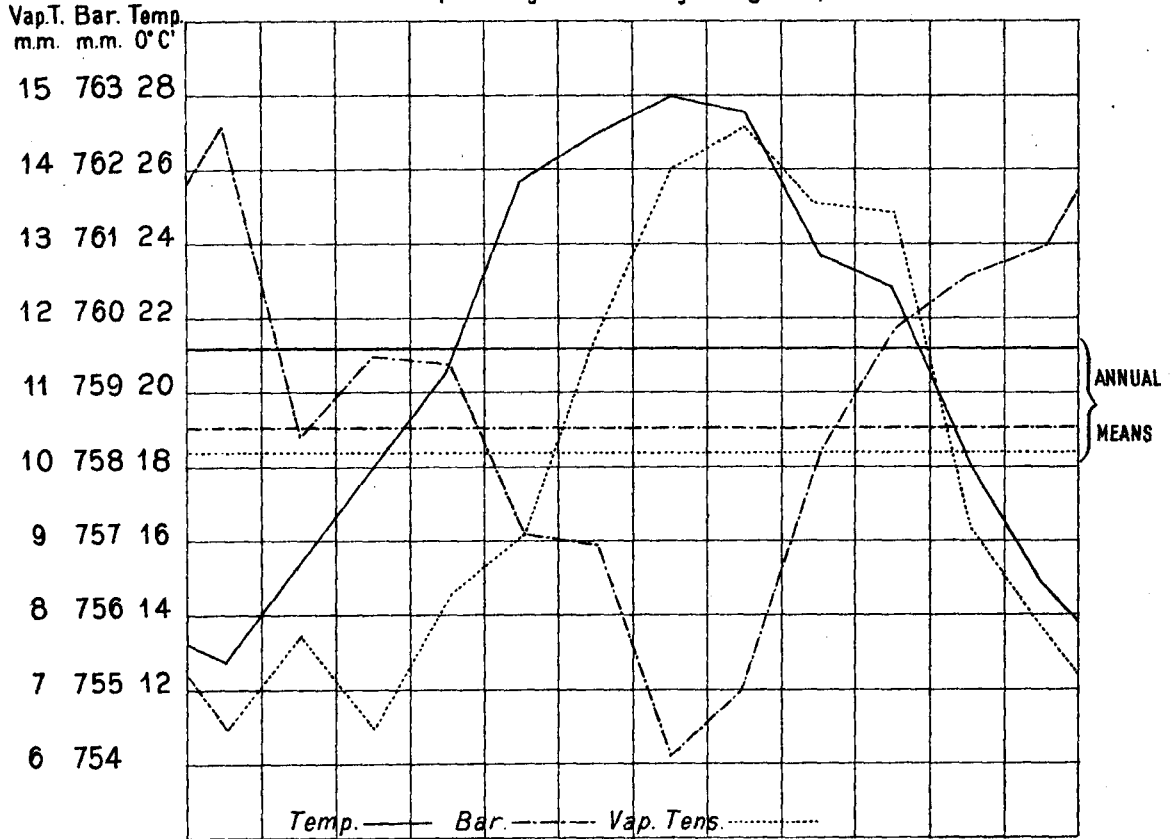
Scales: 5 mm. = 1 Kilometre per hour: 1 cm. = 1 hour.



ABBASSIA. ANNUAL VARIATION OF MONTHLY MEANS. PLATE VI^a

1900

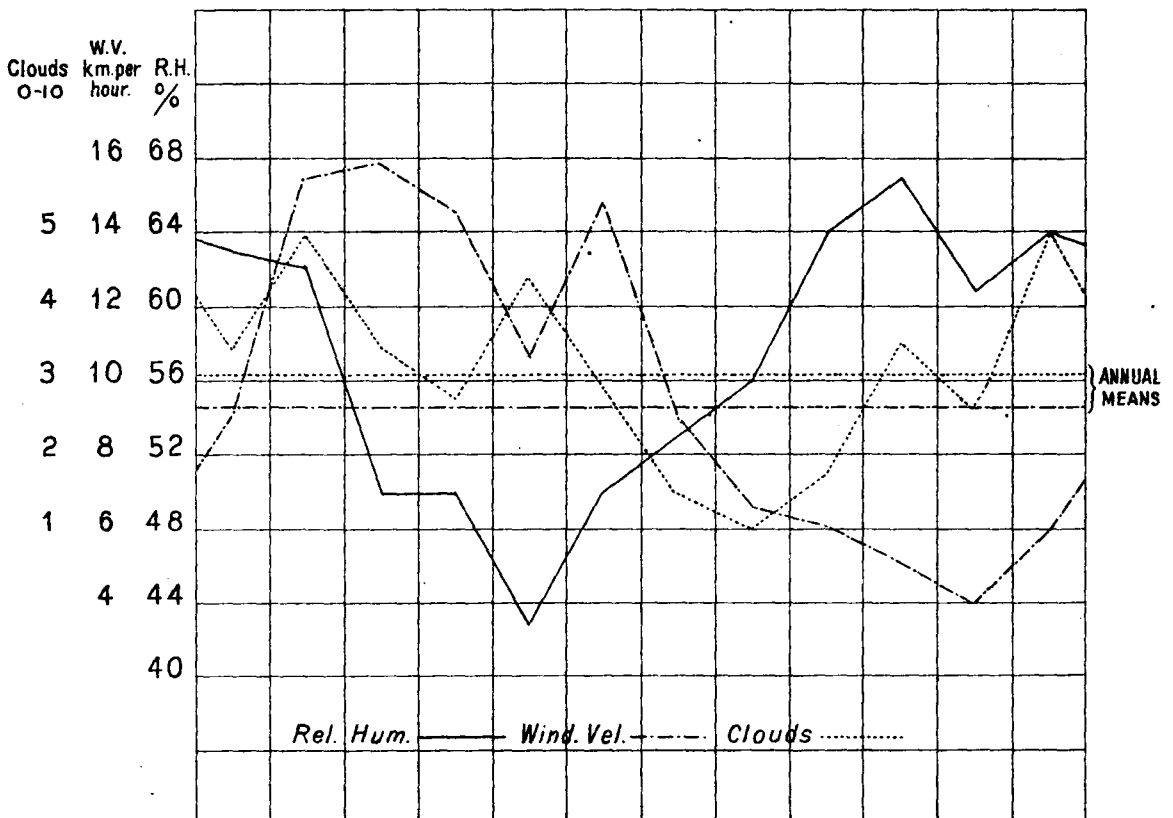
Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.



ABBASSIA. ANNUAL VARIATION OF MONTHLY MEANS. PLATE VI^b

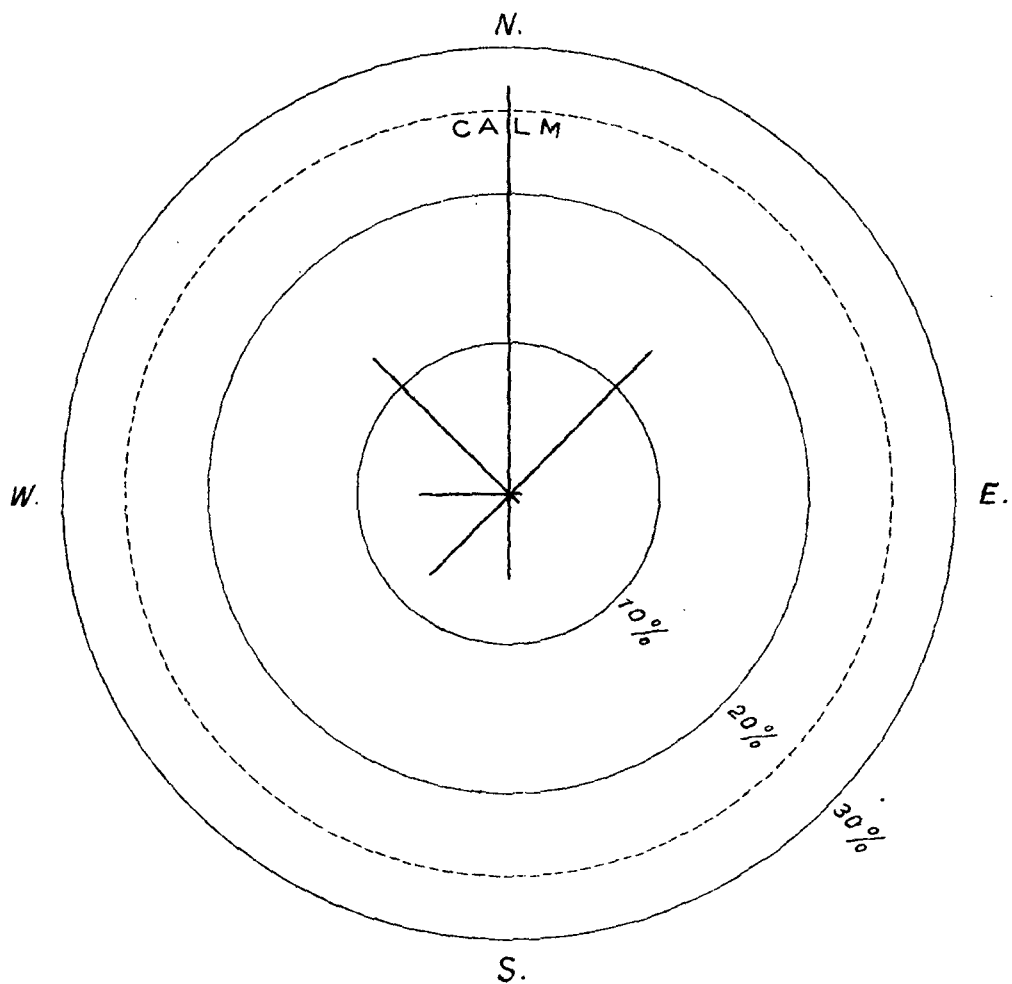
1900

Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.



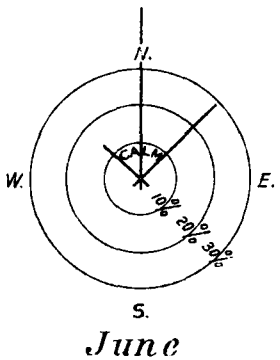
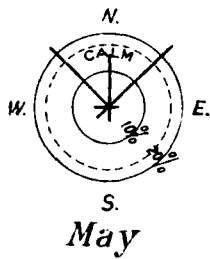
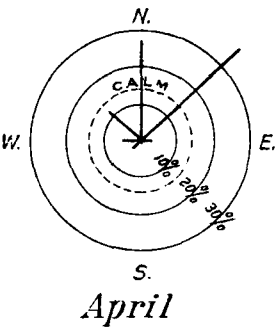
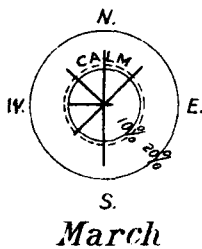
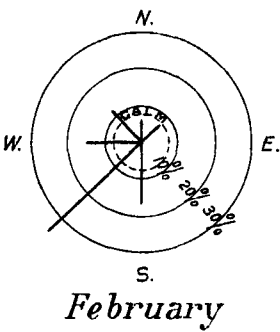
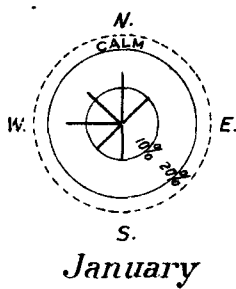
ABBASSIA

MEAN WIND ROSE FOR THE YEAR 1900.



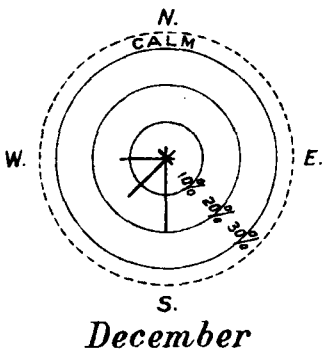
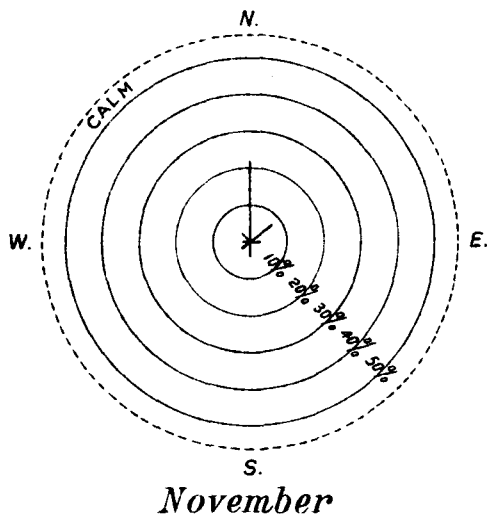
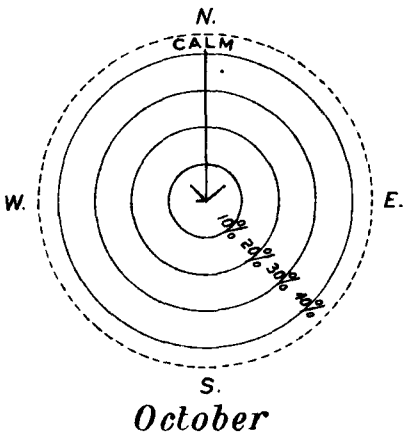
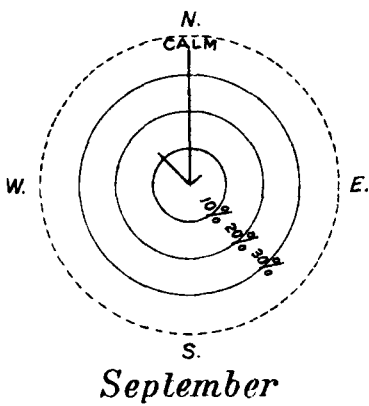
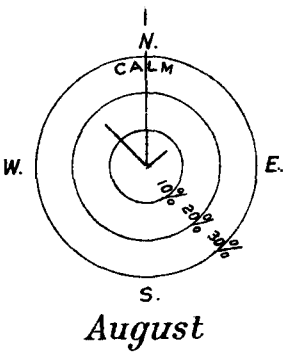
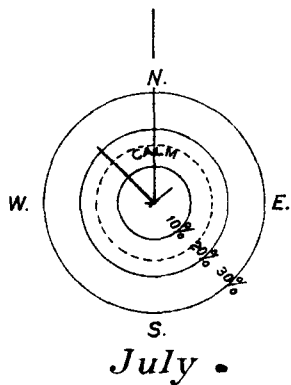
MEAN DIURNAL WIND ROSES.

January-June



MEAN DIURNAL WIND ROSES

July-December



ABBASSIA

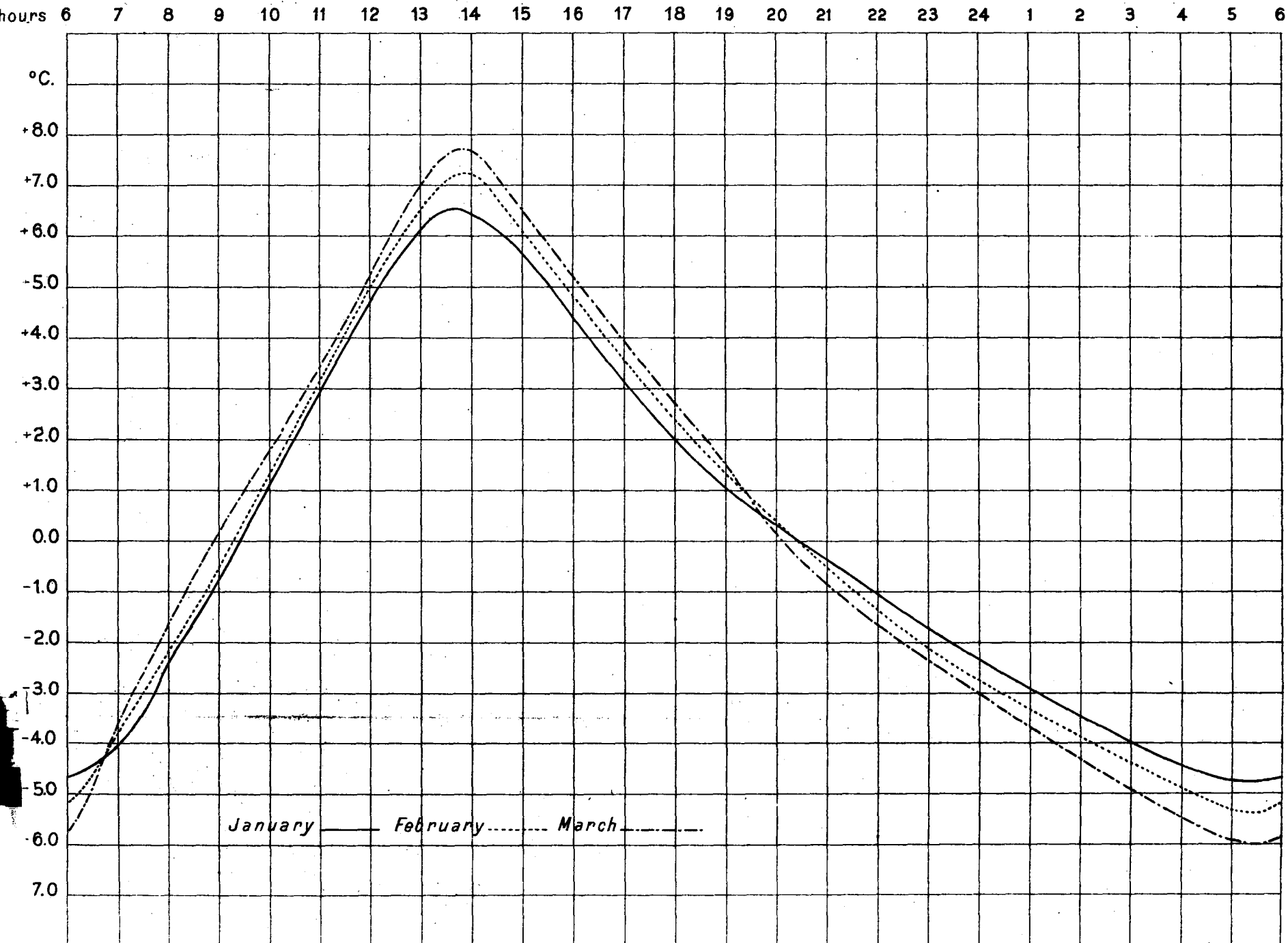
TEMPERATURE DEVIATION

JANUARY - FEBRUARY - MARCH

(1894-1898)

(TABLE I, II & III)

PLATE XIX⁹



ABBASSIA

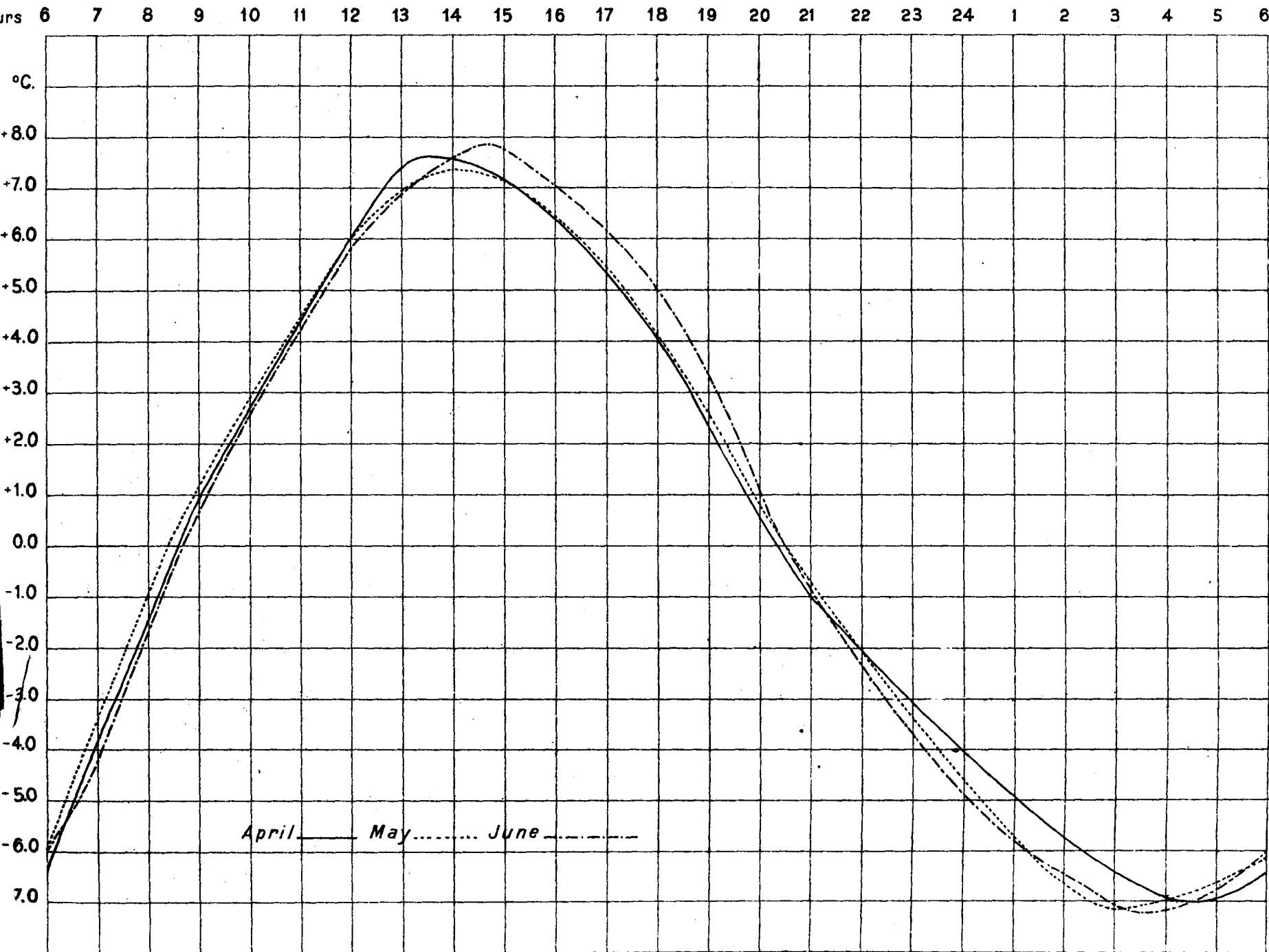
TEMPERATURE DEVIATION

APRIL - MAY - JUNE

(1894-1898)

(TABLE IV, V & VI)

PLATE XIX^b



ABBASSIA

TEMPERATURE DEVIATION

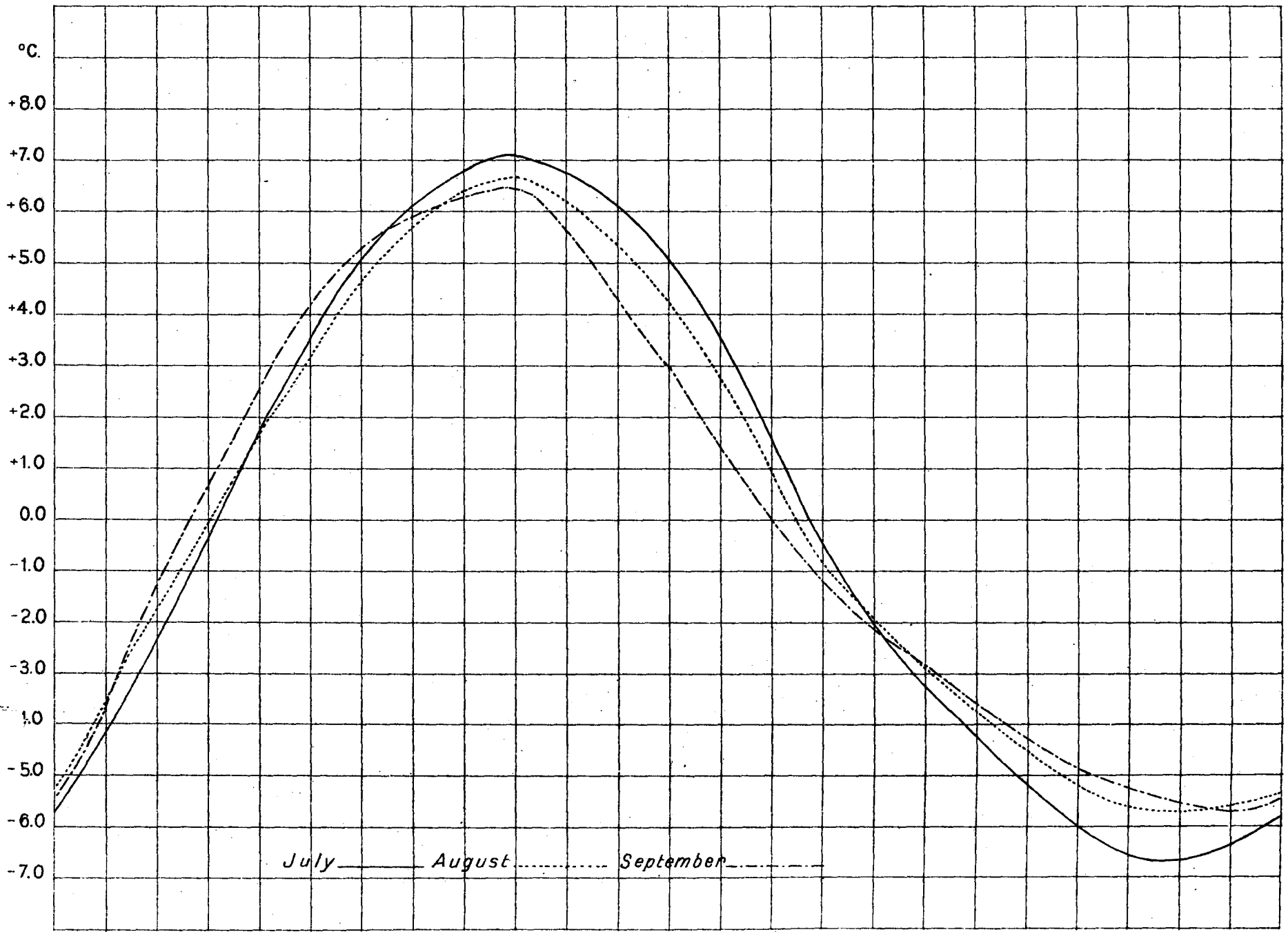
JULY - AUGUST - SEPTEMBER

(1894-1898)

(TABLE VII, VIII & IX)

PLATE XX^o

hours 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 1 2 3 4 5 6



ABBASSIA

TEMPERATURE DEVIATION

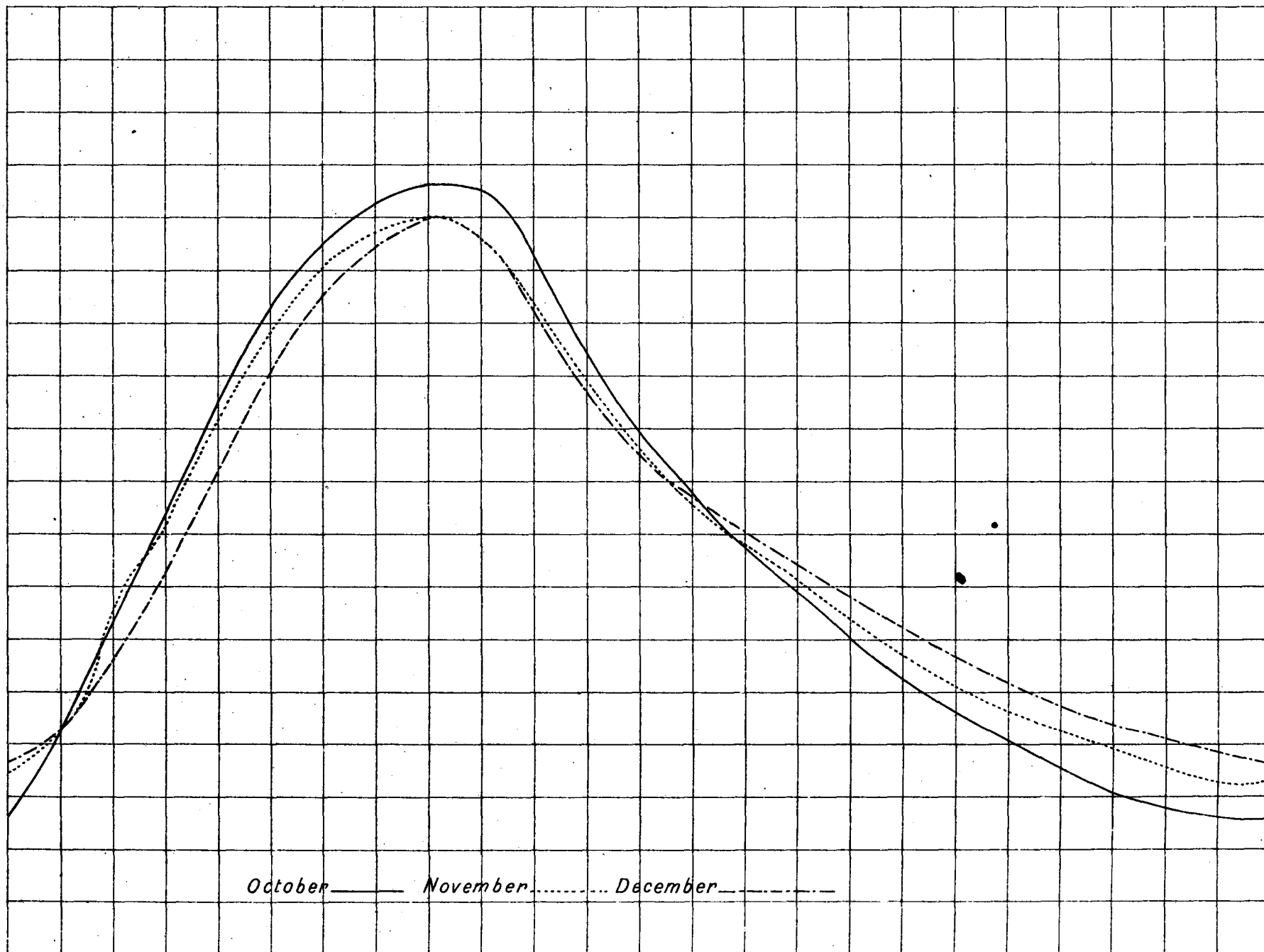
OCTOBER-NOVEMBER-DECEMBER

(1894-1898)

(TABLE X, XI & XII)

PLATE XX^b

6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 1 2 3 4 5 6



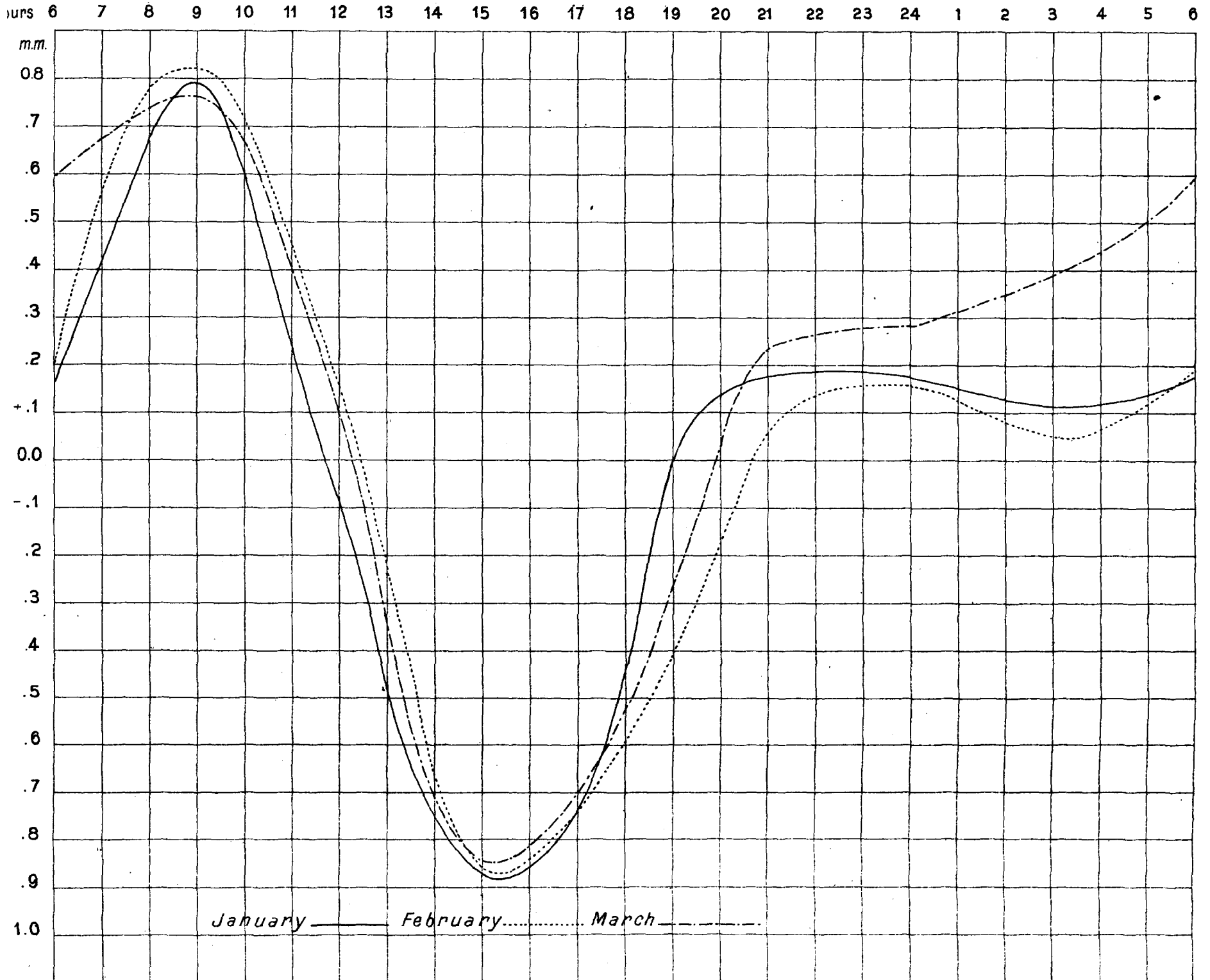
ABBASSIA

BAROMETRIC DEVIATION

JANUARY-FEBRUARY-MARCH

(1894-1898)
(TABLE XIII, XIV & XV)

PLATE XXI^a



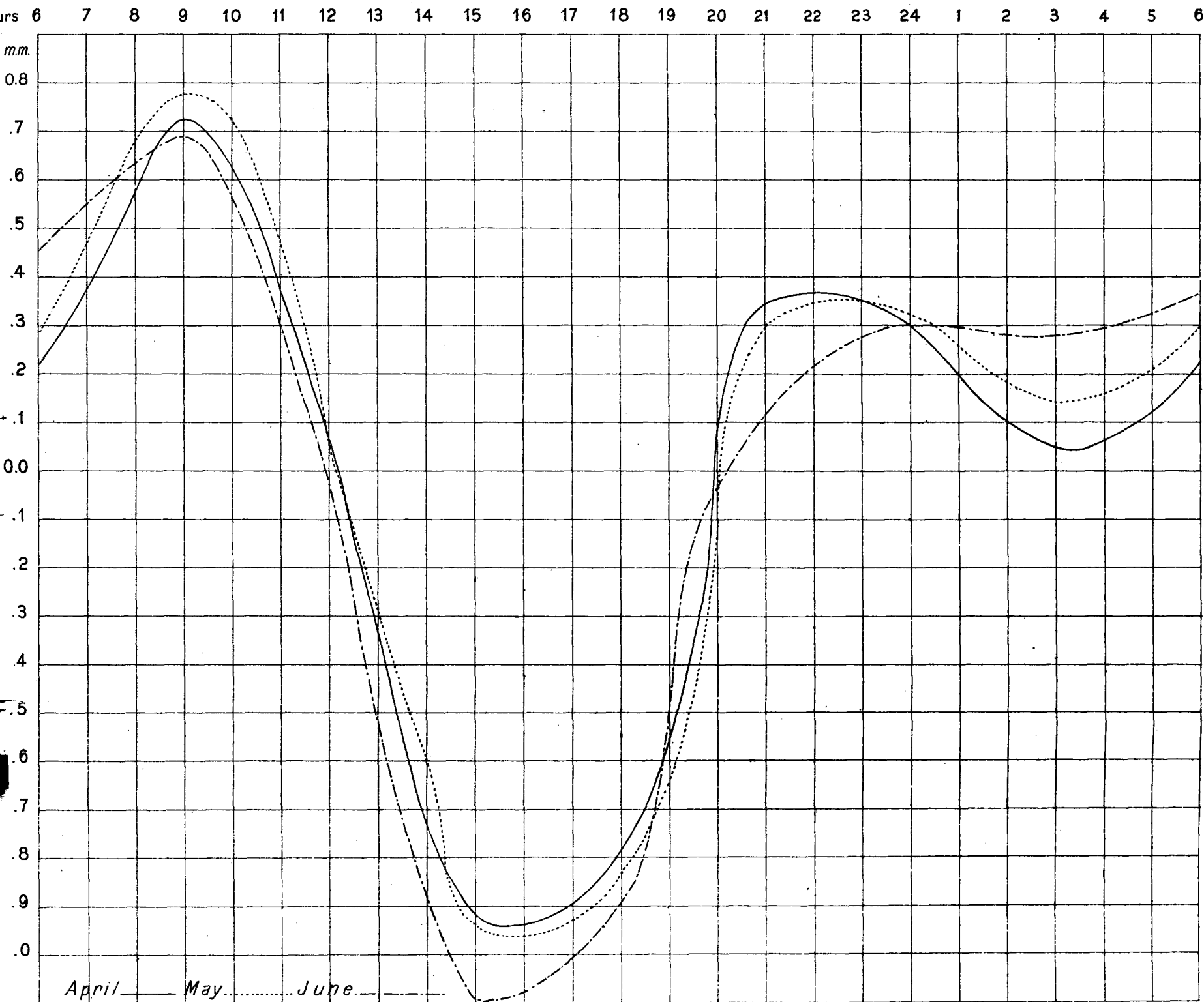
ABBASSIA

BAROMETRIC DEVIATION

APRIL - MAY - JUNE

(1894-1898)
(TABLE XVI, XVII & XVIII)

PLATE XXI^b



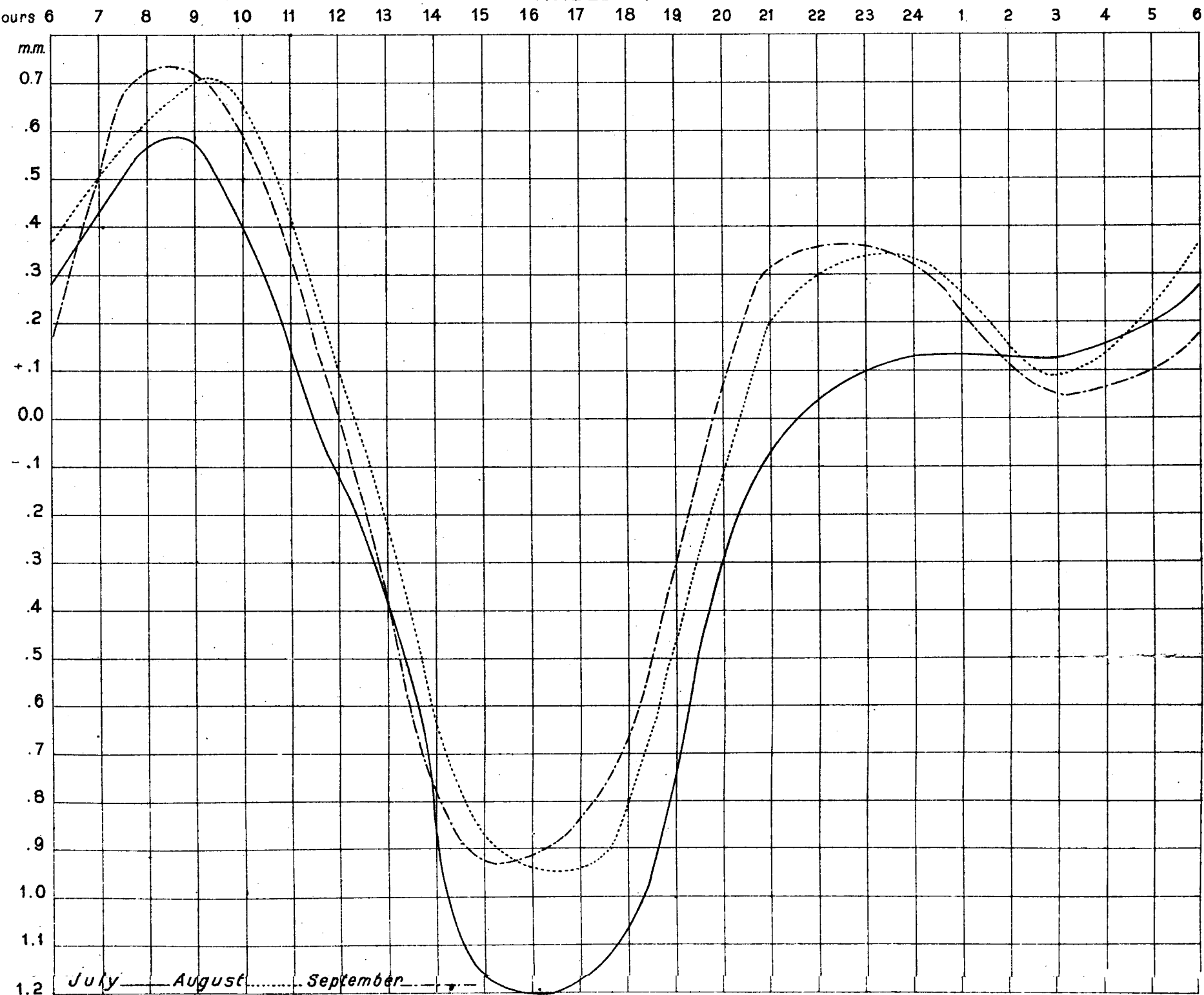
ABBASSIA

BAROMETRIC DEVIATION

JULY - AUGUST - SEPTEMBER

(1894-1898)
(TABLE XIX, XX & XXI)

PLATE XXII^a



ABBASSIA

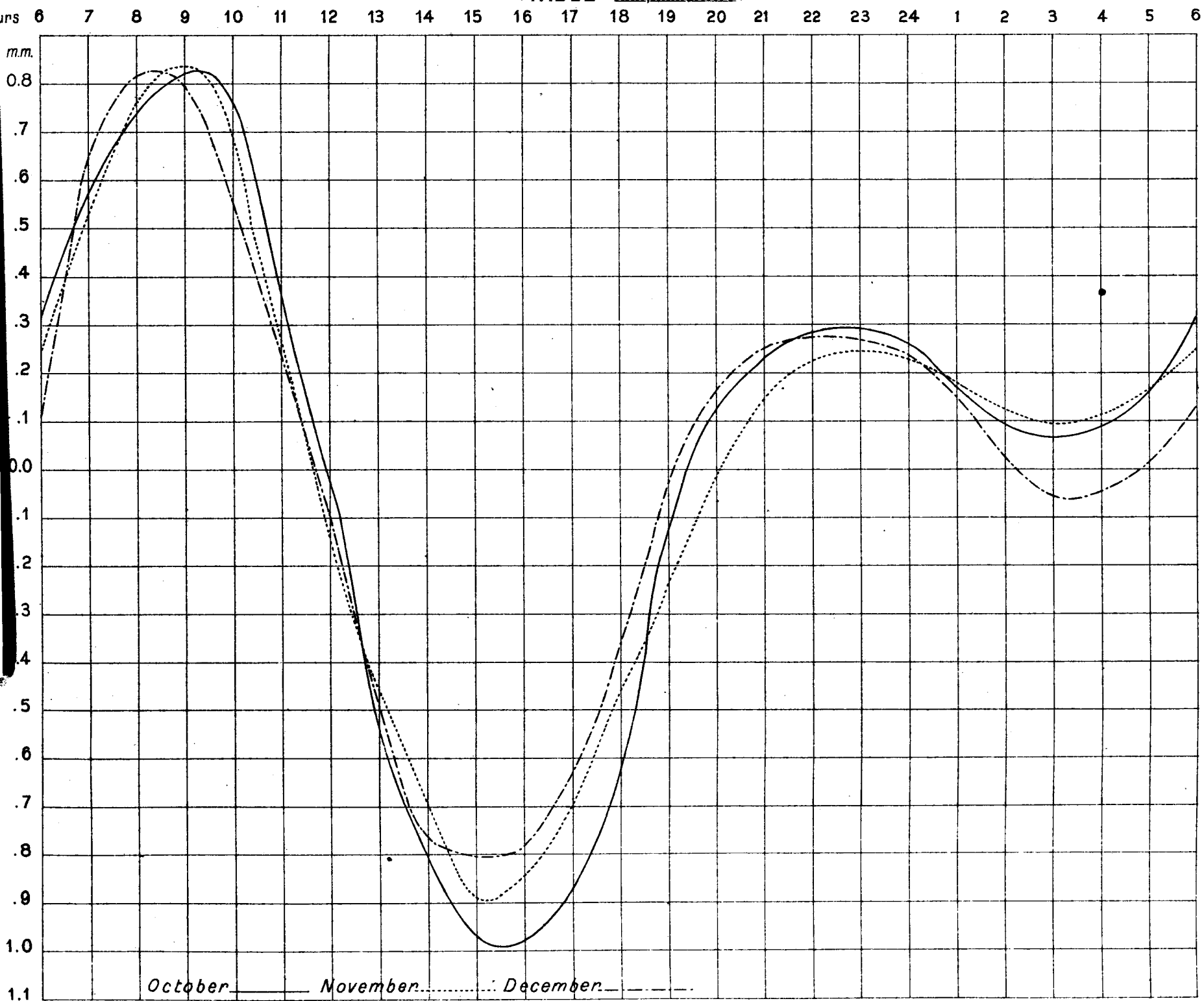
BAROMETRIC DEVIATION

OCTOBER-NOVEMBER-DECEMBER

(1894-1898)

(TABLE XXII, XXIII & XXIV)

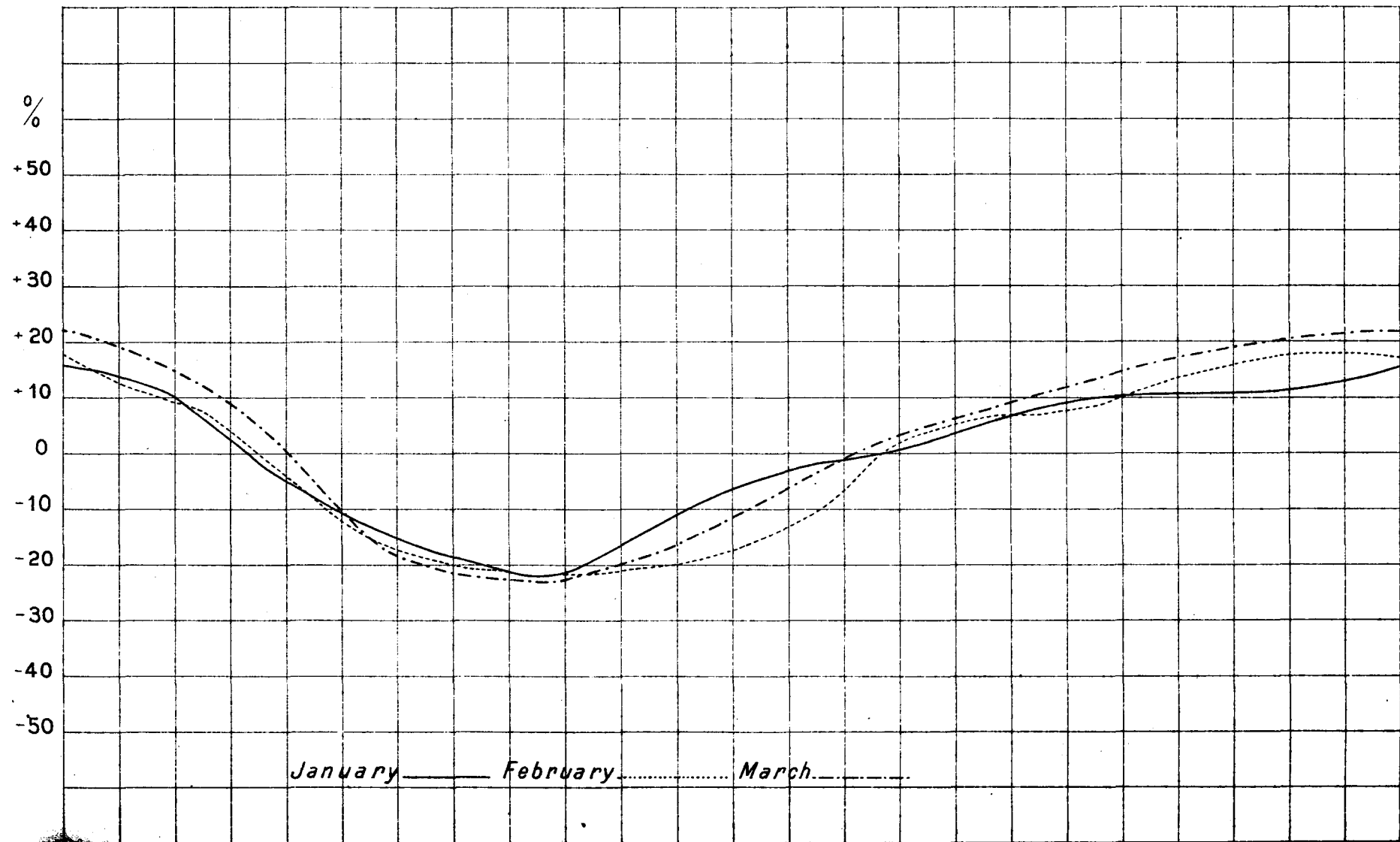
PLATE XXII^b



ABBASSIA
RELATIVE HUMIDITY DEVIATION
 JANUARY - FEBRUARY - MARCH
 (1894-1898)
 (TABLE XXIX)

PLATE XXIII

ours 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 1 2 3 4 5 6



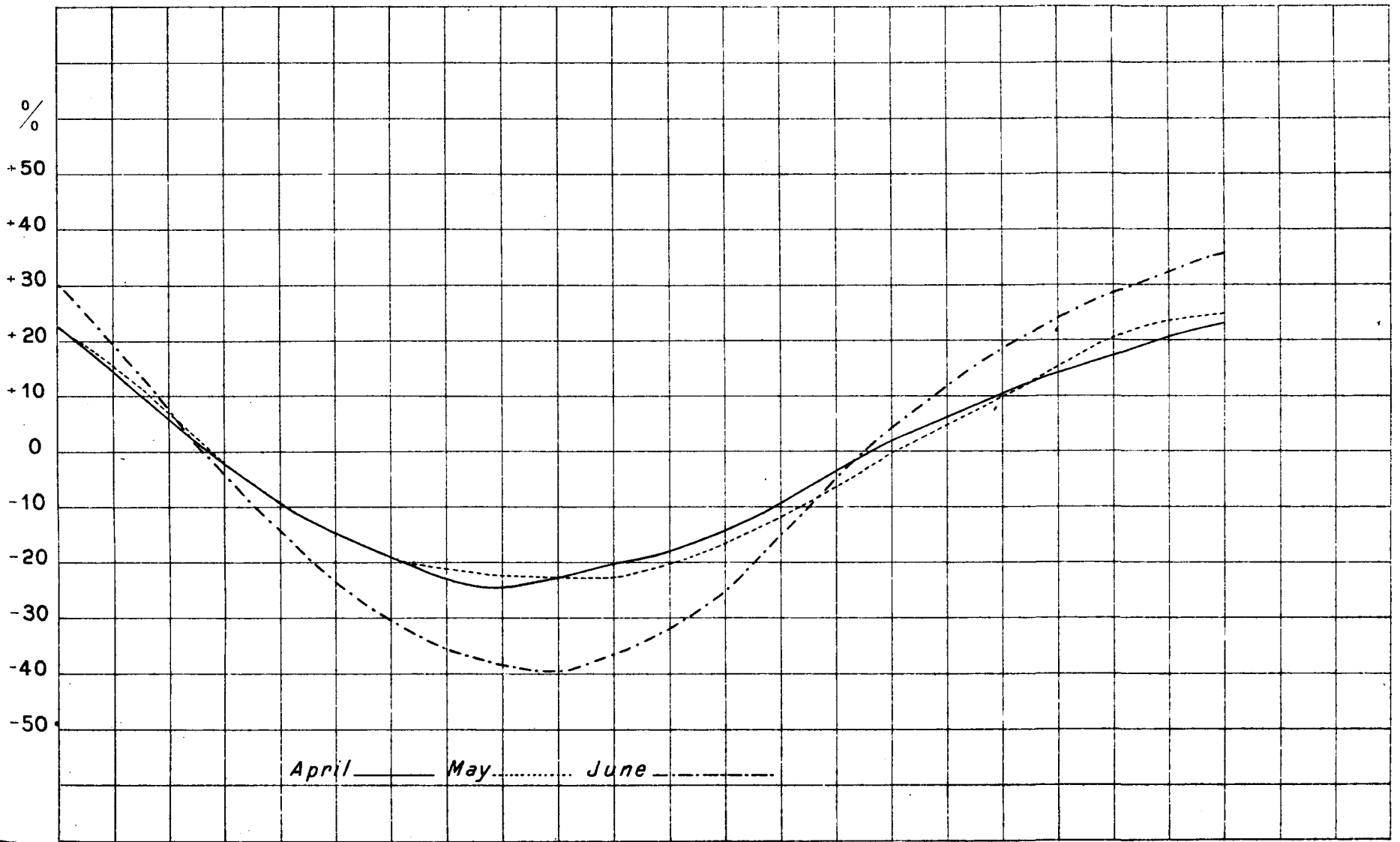
ABBASSIA

RELATIVE HUMIDITY DEVIATION

APRIL - MAY - JUNE

(1894-1898)
(TABLE XXIX)

hours 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 1 2 3 4 5 6



ABBASSIA

RELATIVE HUMIDITY DEVIATION

JULY - AUGUST - SEPTEMBER

(1894-1898)

(TABLE XXIX)

PLATE XXIV^a

urs 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 1 2 3 4 5 6

0/
0

+50

+40

+30

+20

+10

0

-10

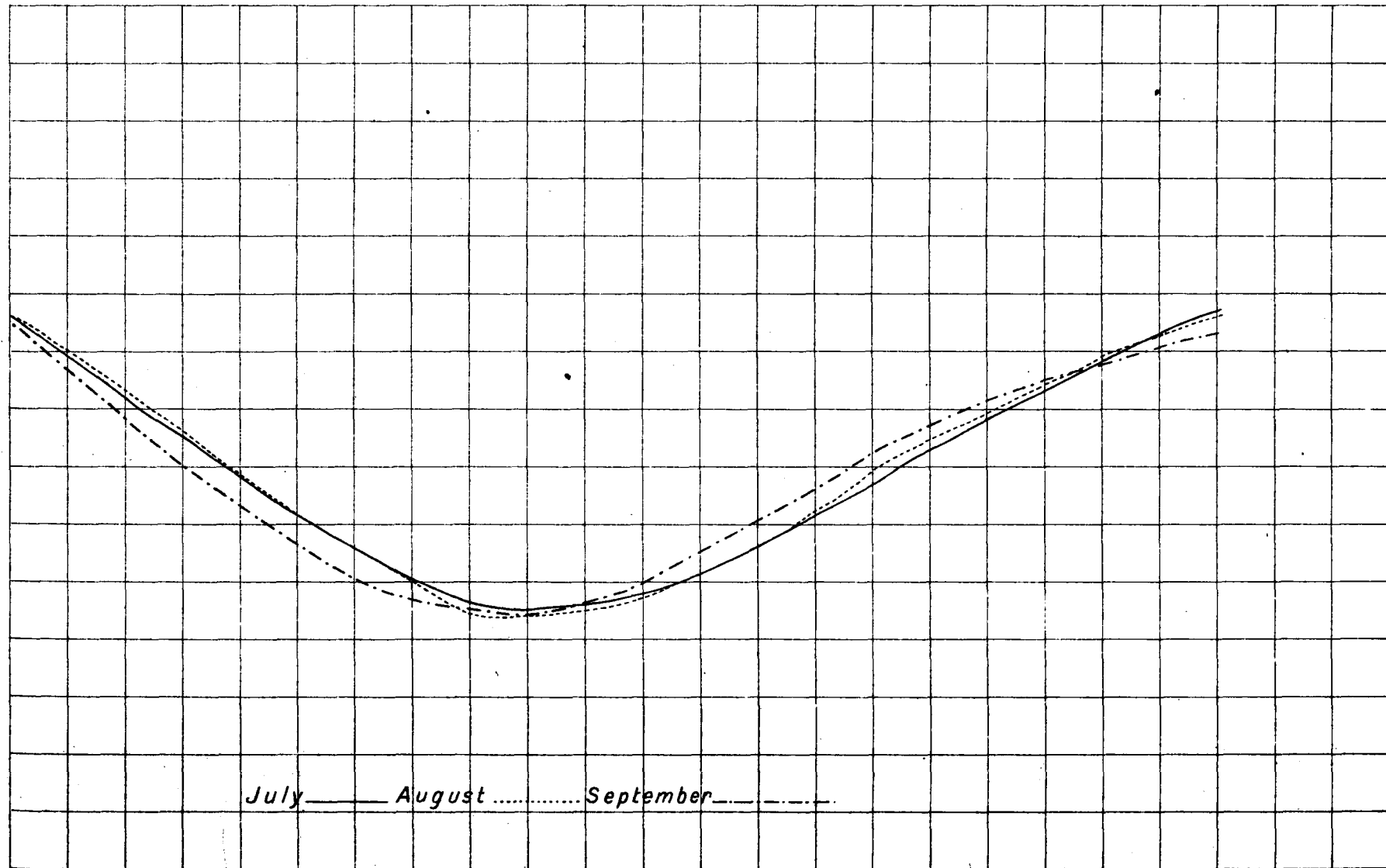
-20

-30

-40

-50

July — August September — — — —



ABBASSIA

RELATIVE HUMIDITY DEVIATION

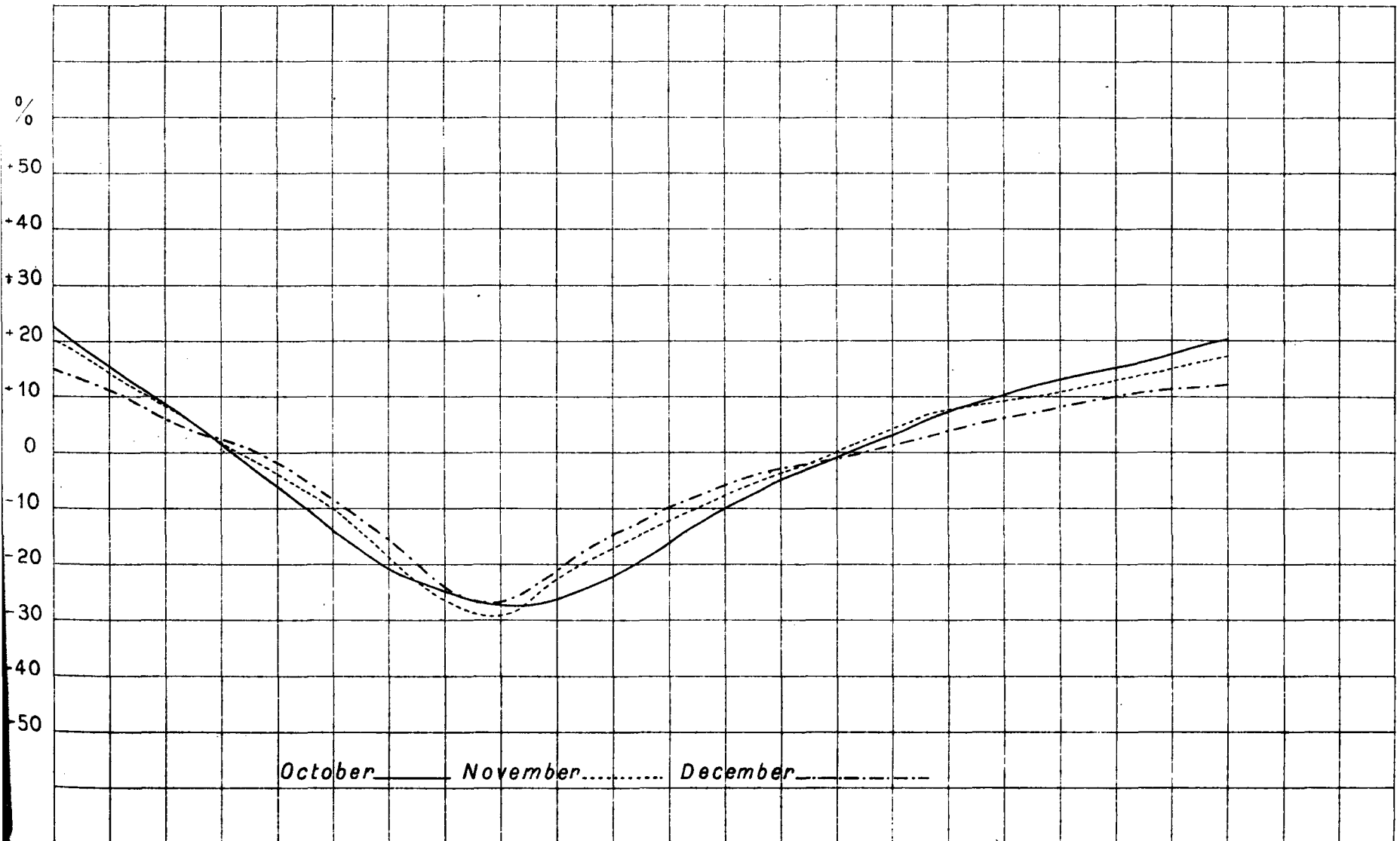
OCTOBER - NOVEMBER - DECEMBER

(1894-1898)

(TABLE XXIX)

PLATE XXIV

urs 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 1 2 3 4 5 6

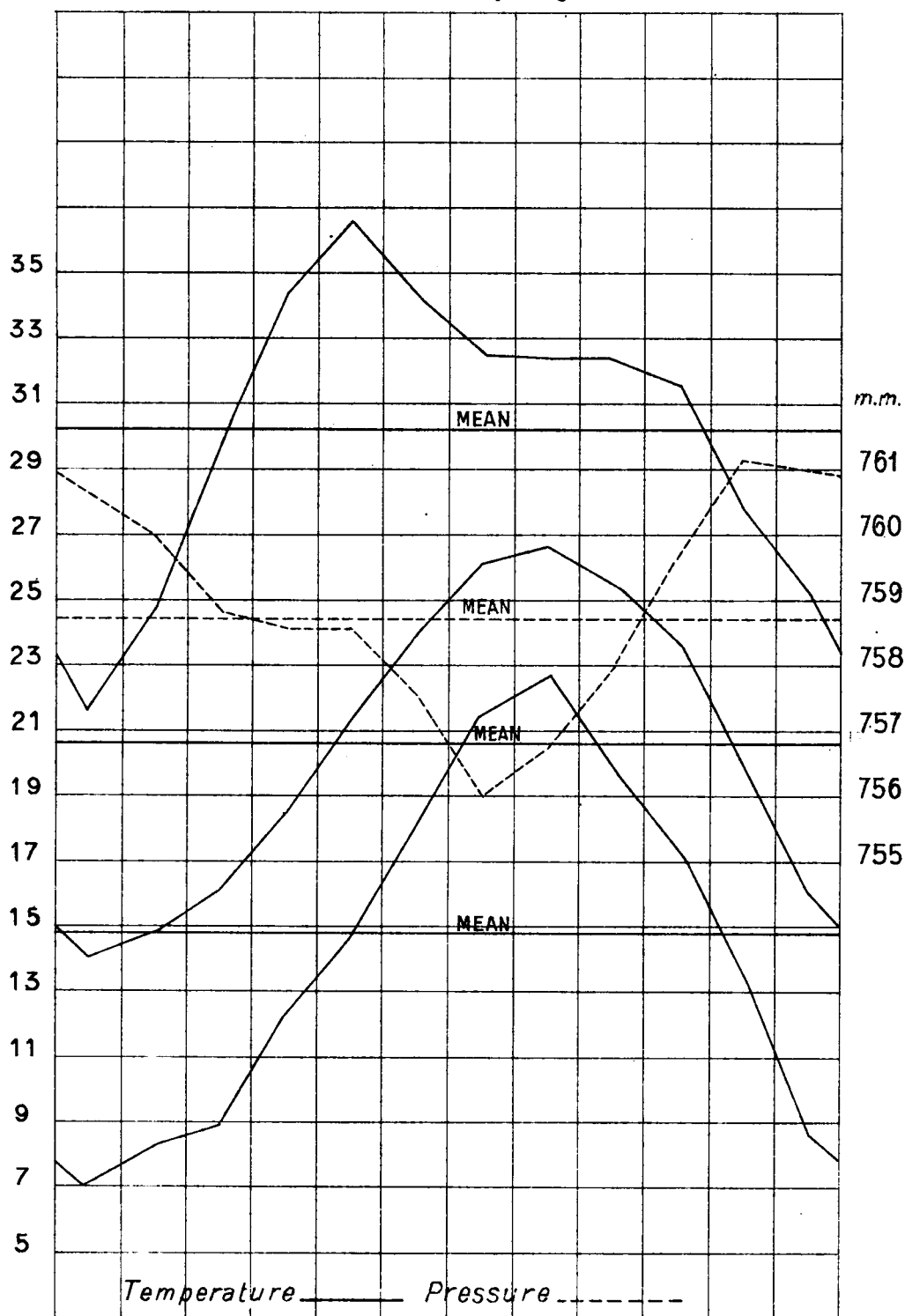


SIGNAL STATION ALEXANDRIA

MAXIMUM, MEAN MINIMUM TEMPERATURE AND MEAN PRESSURE. 1891-1900.

(TABLES A, C, D AND G.)

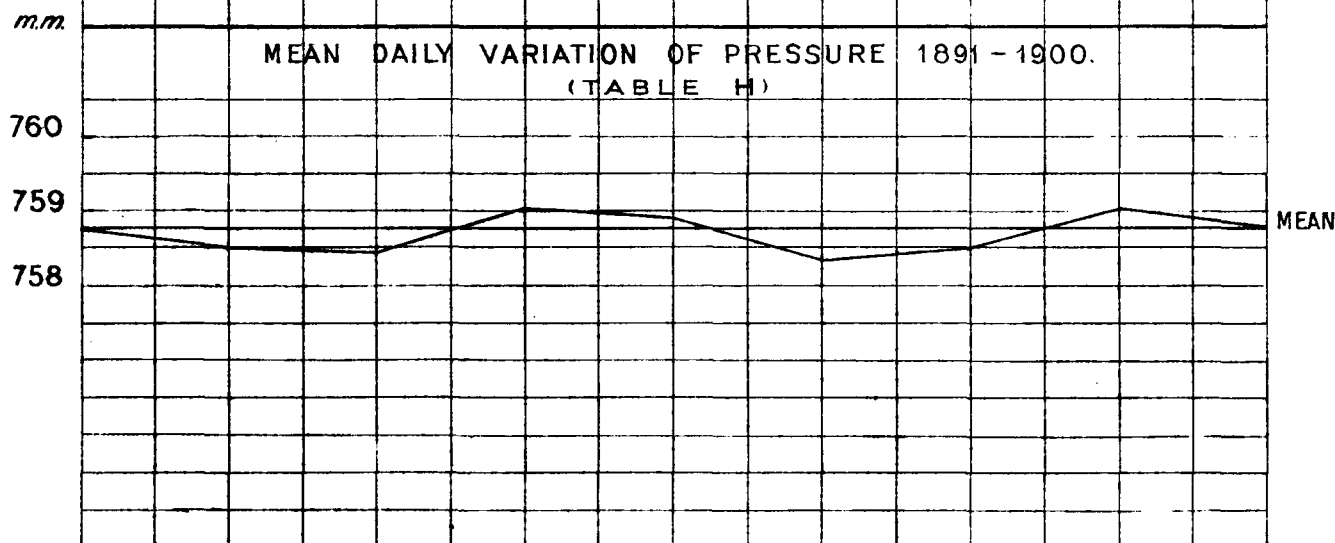
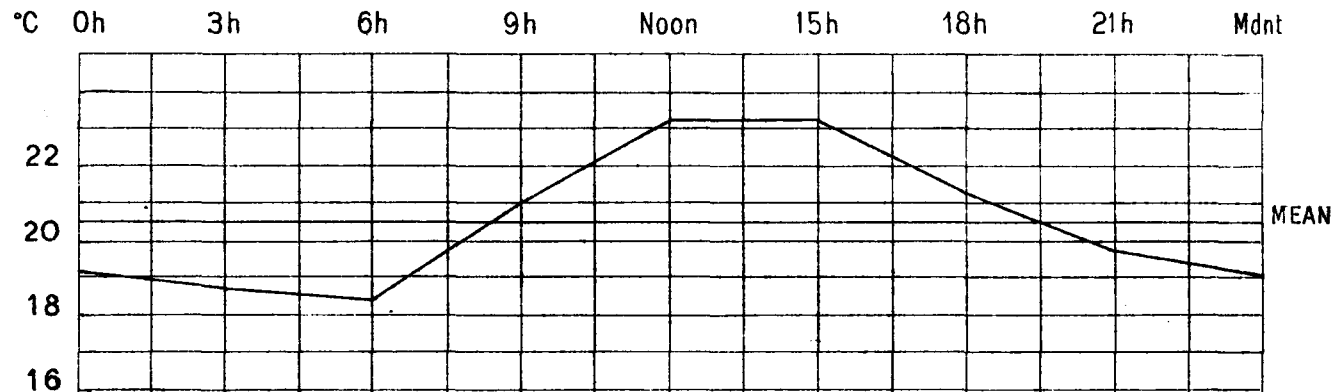
°C. Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.



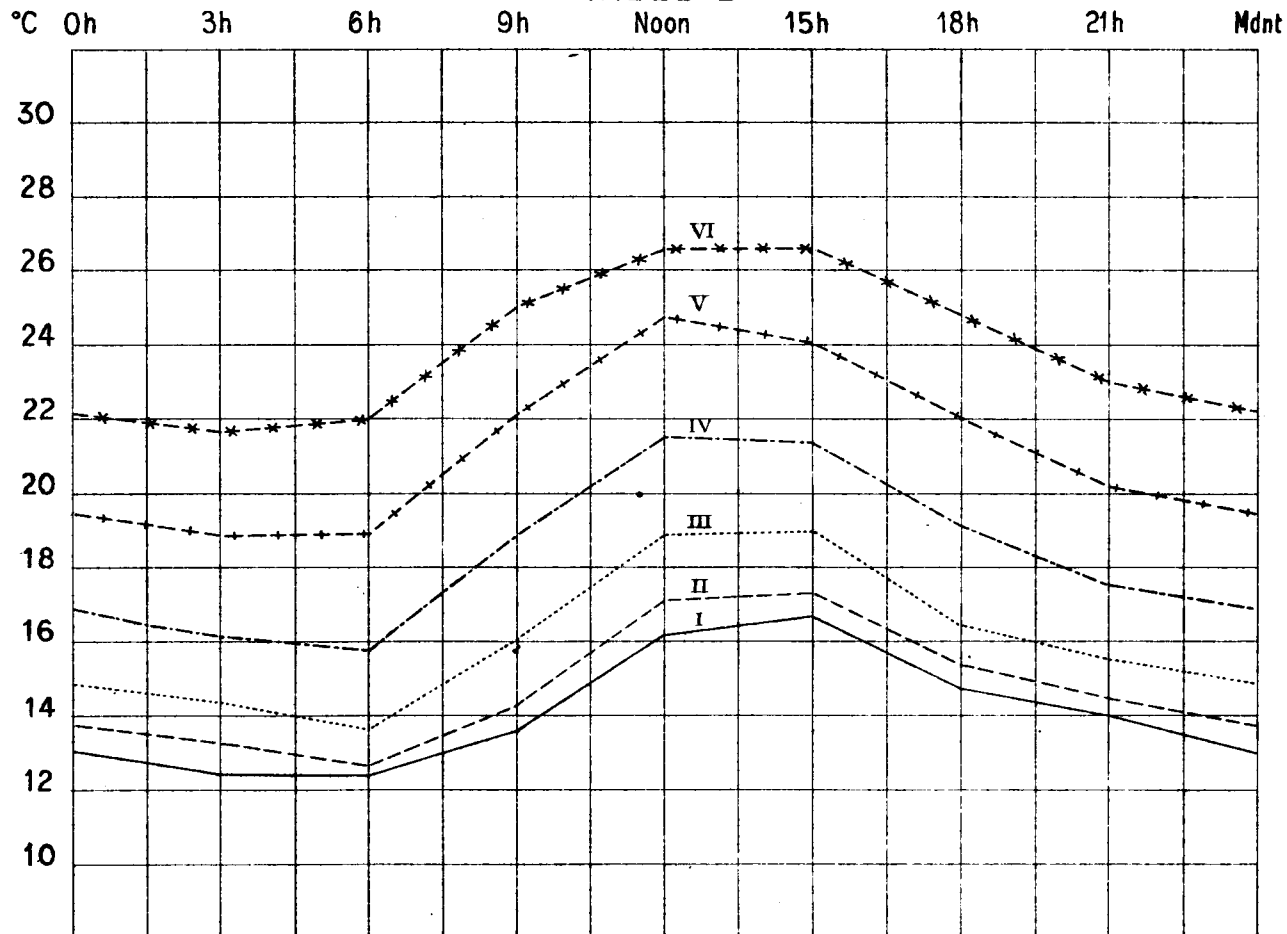
SIGNAL STATION ALEXANDRIA

MEAN DAILY VARIATION OF TEMPERATURE 1891 - 1900.

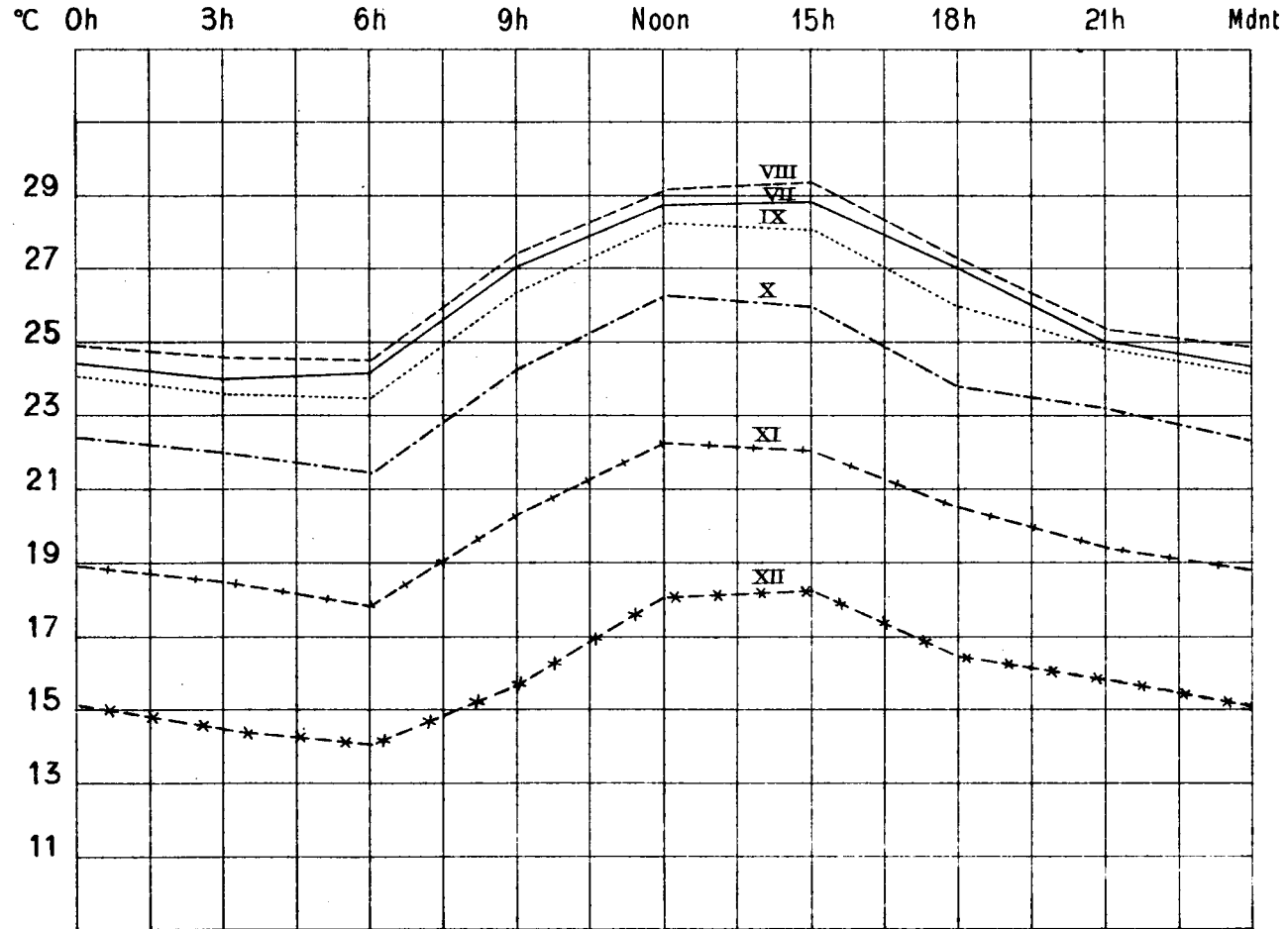
(TABLE B)



SIGNAL STATION ALEXANDRIA
MEAN, DAILY VARIATION OF TEMPERATURE 1891-1900 BY MONTHS.
JANUARY - JUNE
(TABLE B)



SIGNAL STATION ALEXANDRIA
MEAN DAILY VARIATION OF TEMPERATURE 1890-1900 BY MONTHS.
(TABLE B)



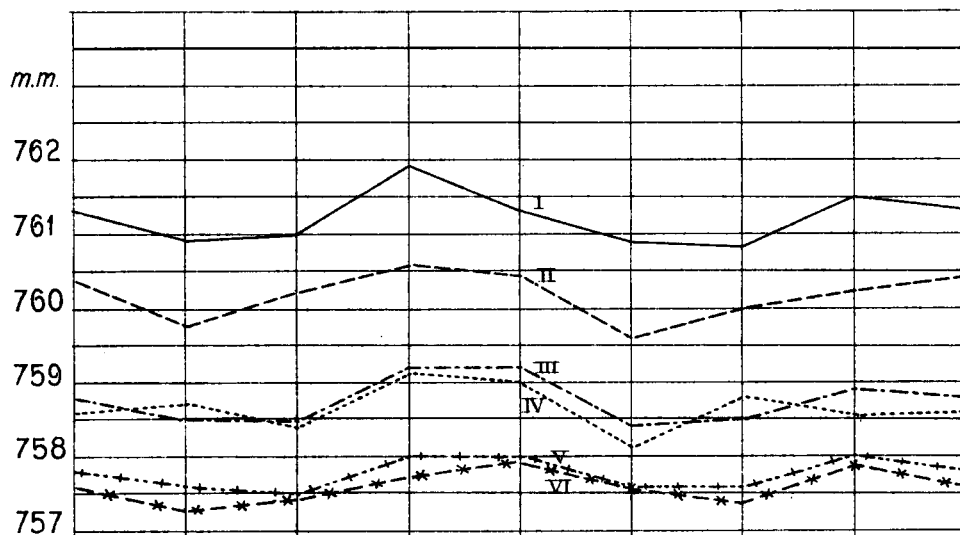
SIGNAL STATION ALEXANDRIA

MEAN DAILY VARIATION OF PRESSURE 1891-1900

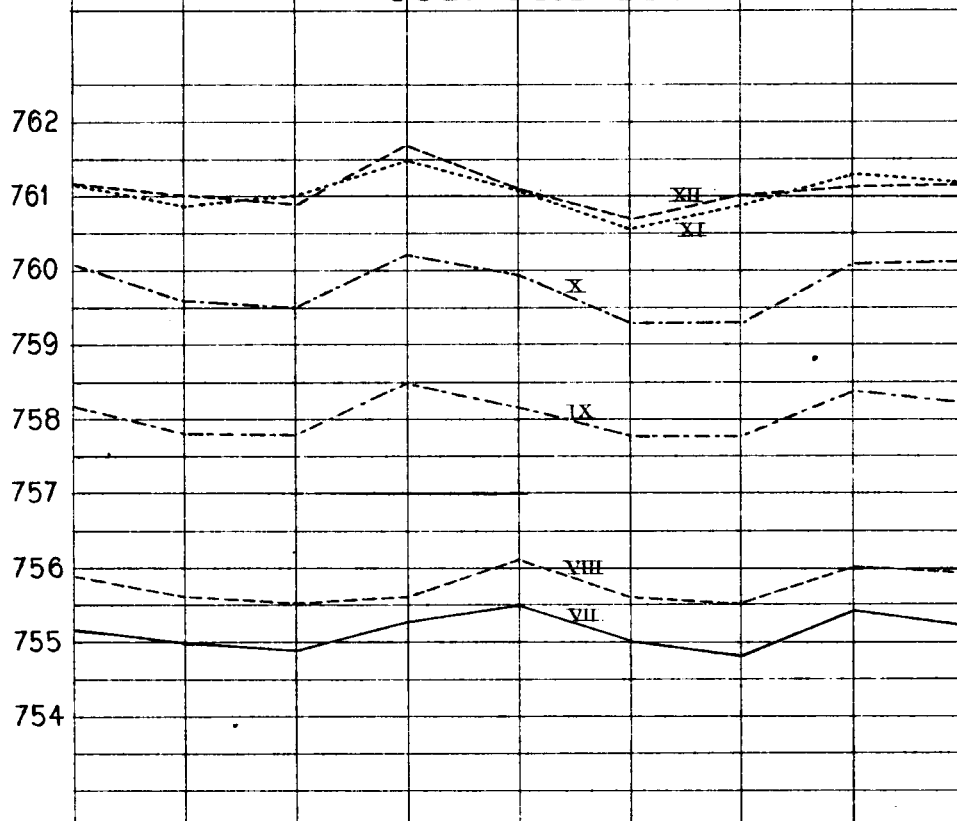
JANUARY - JUNE

(TABLE H)

0h. 3h. 6h. 9h. Noon. 15h. 18h. 21h. Mdnt.



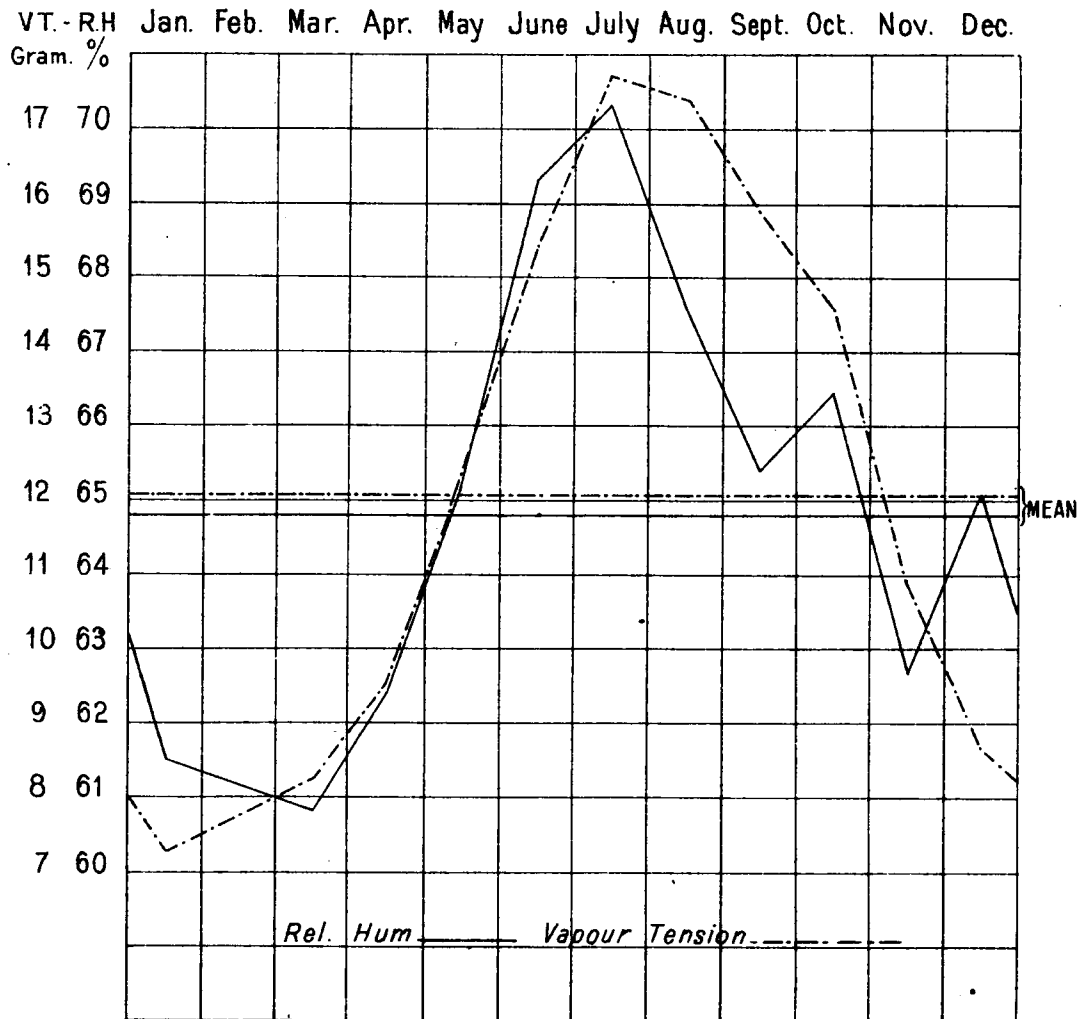
JULY DECEMBER



SIGNAL STATION ALEXANDRIA

MEAN ANNUAL VARIATION OF RELATIVE HUMIDITY AND VAPOUR TENSION. 1891-1900

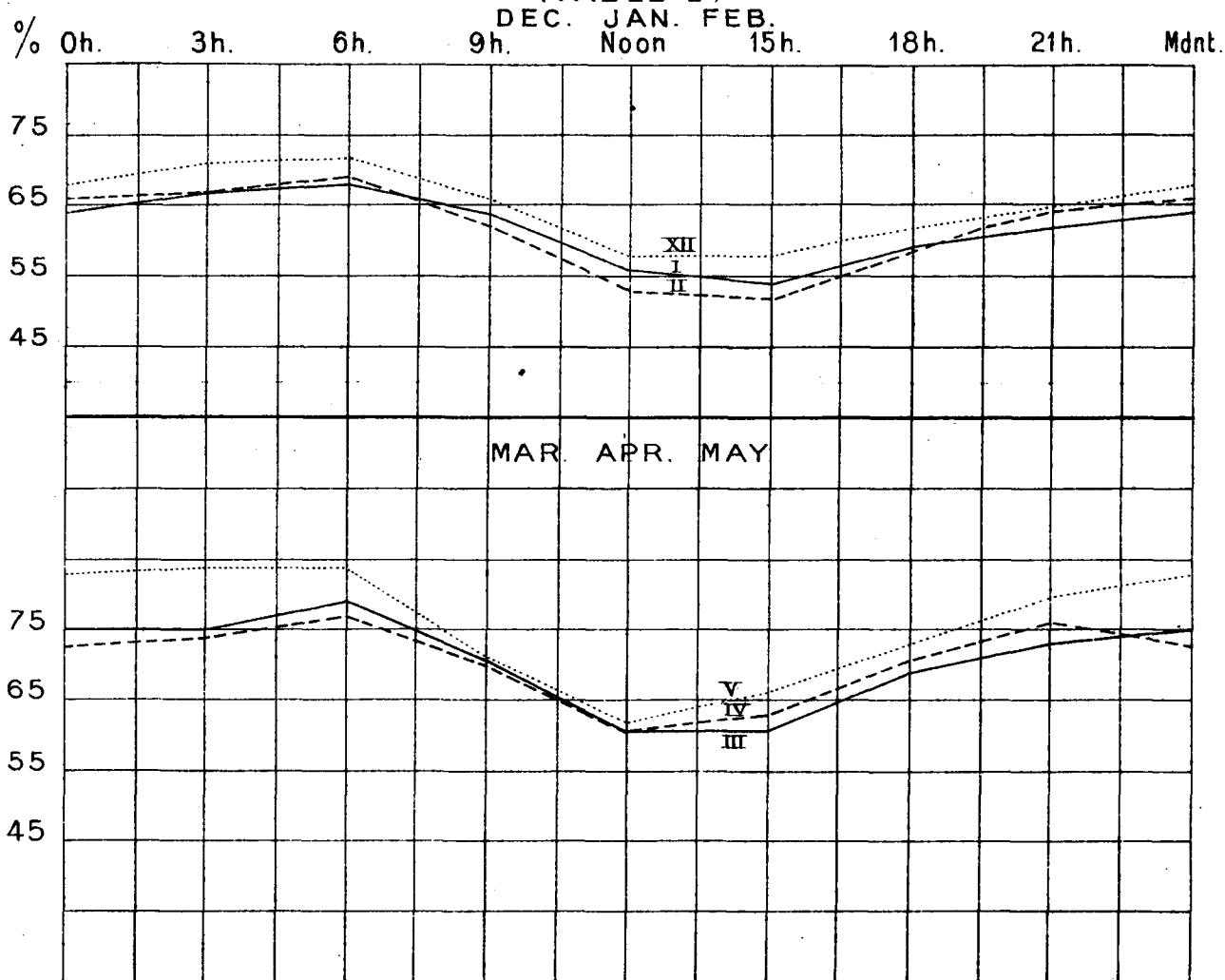
(TABLE K AND N)



SIGNAL STATION ALEXANDRIA

MEAN DAILY VARIATION OF RELATIVE HUMIDITY 1891-1900 BY MONTHS.

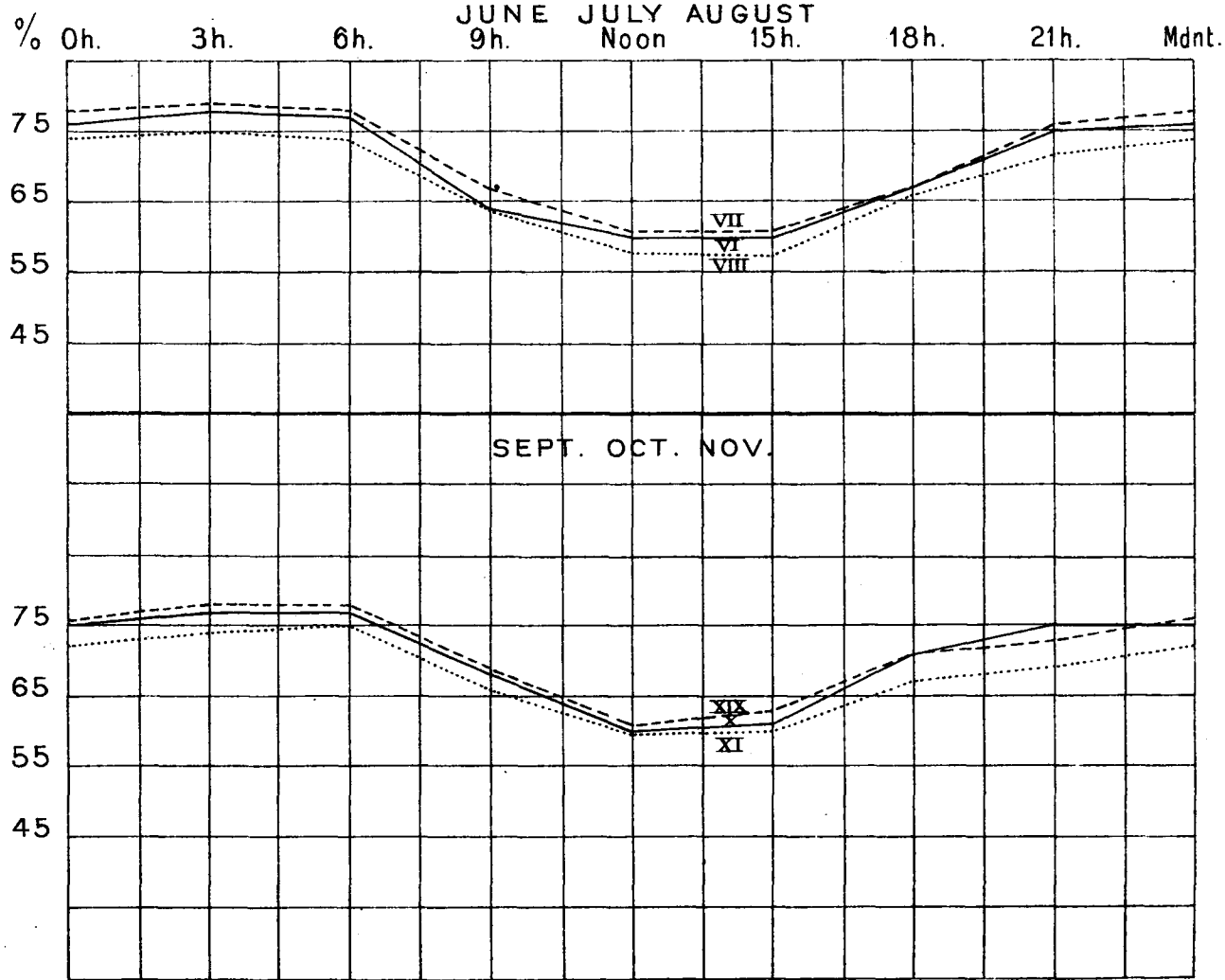
(TABLE L)



SIGNAL STATION ALEXANDRIA

MEAN DAILY VARIATION OF RELATIVE HUMIDITY 1891-1900 BY MONTHS.

(TABLE L)

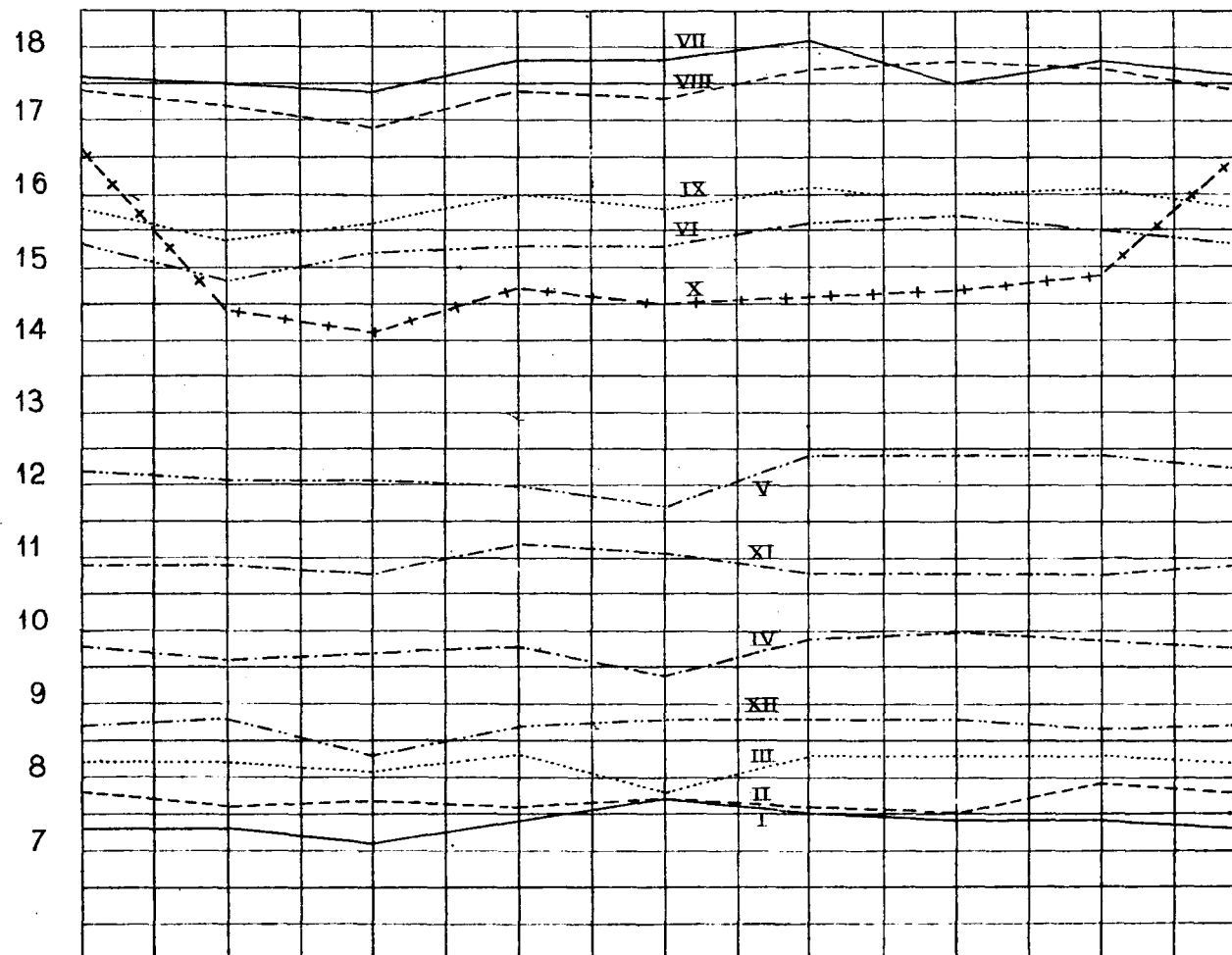


SIGNAL STATION ALEXANDRIA

MEAN DAILY VARIATION OF VAPOUR TENSION 1891-1900.

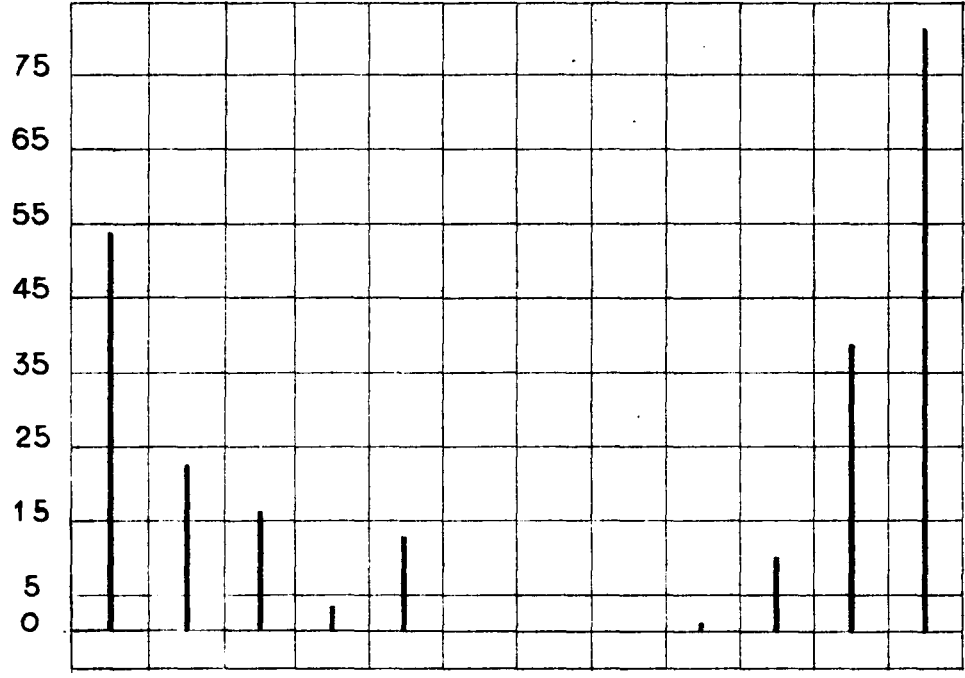
(TABLE L)

Gram. Oh. 3h. 6h. 9h. Noon 15h. 18h. 21h. Mdnt.



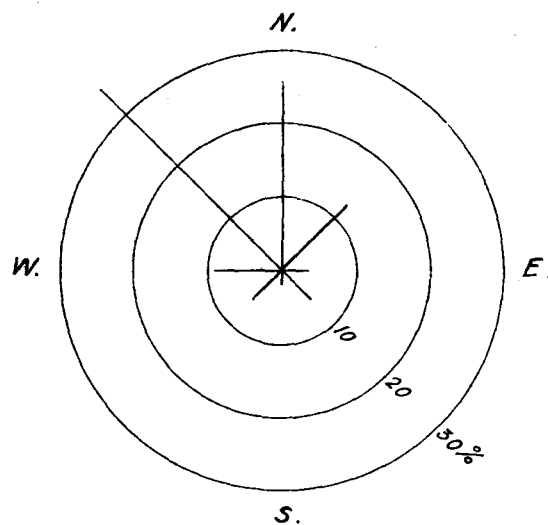
SIGNAL STATION ALEXANDRIA
MEAN ANNUAL VARIATION OF RAINFALL
(TABLE R)

m.m. Jan. Feb. Mar. Apr. May June July Aug. Sept. Oct. Nov. Dec.



MEAN WIND ROSE

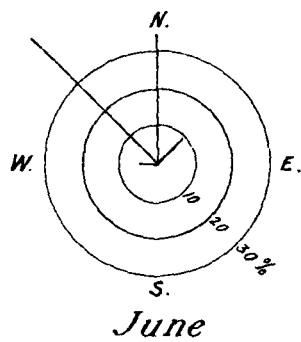
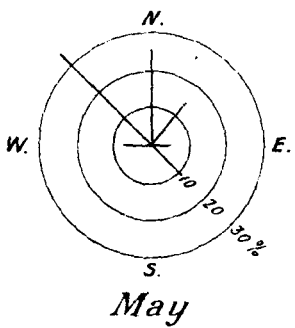
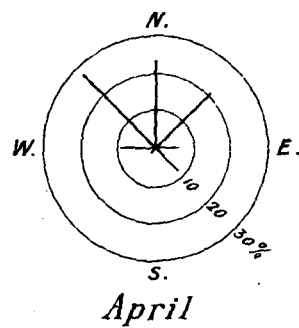
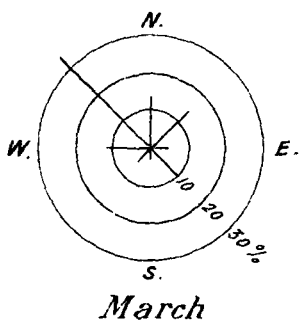
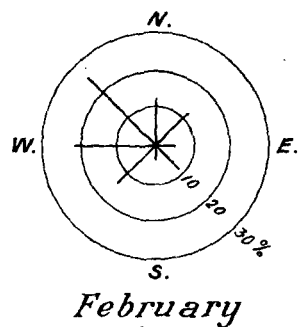
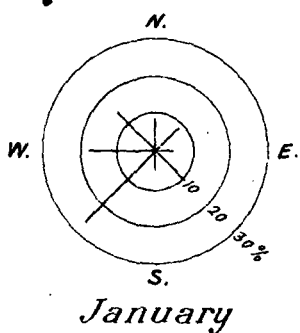
1891 - 1900.



MEAN WIND ROSES 1891-1900.

January - June

(TABLE T)



MEAN WIND ROSES 1891-1900.

July - December

(TABLE T)

